

A M A T V I C T O R I A C U R A M



2016

PRODUCT GUIDE

NIGHT VISION
THERMAL IMAGING
DIGITAL NIGHT VISION
LASER EMITTING SYSTEMS
DIRECT VIEW SYSTEMS

NEW 2016



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ABOUT THE COMPANY

Armasight

Armasight is a leading U.S.-based manufacturer of cutting-edge Night Vision and advanced Thermal Imaging Solutions, top-quality Direct View Binoculars, Illumination Tools and other precision optics characterized by outstanding performance and a wealth of innovative features.

We use state-of-the-art materials, manufacturing facilities, and modern designs. Armasight focuses on the continuous improvement, evaluation, and implementation of the latest electro-optical technological advancements.

Armasight is built on a dedicated commitment to our client's absolute satisfaction — we are determined to provide the absolute best customer service in the industry. Armasight is focused on encouraging our team members to thrive in a creative and supportive environment. Our duty is to provide customers with the best products at competitive prices while offering its employees and shareholders fair compensation and profits. We accomplish these goals by applying industry best business practices in full compliance with all applicable laws of the United States, as well as those of the final international destinations of our products.

Our Mission

Our mission is to develop the highest quality selection of top-performing, exceptionally reliable optical products that appeal to a wide range of customers and allows professional users to successfully accomplish missions. We offer unmatched customer service and timely delivery at affordable price-to-performance ratios that are fair to our customers and represent the interests of valued company stakeholders.

Experience

Armasight is a new, dynamic small business enterprise pursuing the goal of creating a meaningful presence in the Night Vision and electro-optical arena by supporting elite military units, law enforcement professionals, first responder agencies and commercial consumers worldwide. Our core staff has held a series of reputable positions with various companies in the Night Vision industry, including American Technologies Network, Insight Technology, Litton Electro-Optical Systems, and Nivisys Industries. Together, our seasoned team of professionals boasts over 140 years of experience in all aspects of the Night Vision and optics industry.

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NIGHT VISION TECHNOLOGIES



Night Vision (I²)

Most Starlight Image Intensified (I²) Night Vision products are light-amplifying devices. Light amplification technology allows small amounts of light energy, such as that from moonlight or starlight, to be converted into electrical energy (electrons). These electrons multiply exponentially through electrical and chemical processes. They then bounce off of a phosphor screen, which converts the electrons back into photons, in order to display an impressive nighttime image even in total darkness.

In addition to traditional, Green Color Phosphor image intensifier tubes (IIT), we've recently introduced White Color Phosphor displays, which allow users to view black and white images instead of the traditional green and black.

In the Night Vision world, "generation" monikers reflect the level of technology used for a particular device. The higher the generation, the better performance you will get out of your Night Vision device – for example, Gen 2 devices are more advanced than Gen 1+. In 2013, a new level was introduced: "CORE" technology, which takes a strong position between traditional Gen 1 and Gen 2 devices.

Armasight offers equipment in all existing levels of starlight technology and in all possible configurations, including monoculars, binoculars, riflescopes, and clip-on systems.



Gen 1+

Gen 1+ IIT

First generation devices work by amplifying existing light by several thousand times. Using an alternating photocathode/ anode conversion between light and electrons, the cascading approach utilizes progressively increased voltages to increase electron speed, allowing you to see clearly in the dark. These units provide bright, fully visible images at a low cost, which makes them a popular choice for boating, wildlife observation, and home security. These devices are available for international sales.



CORE

CORE IIT

Thanks to the latest advancements in electro optical manufacturing, Armasight redefines affordable, high performance Night Vision with CORE™ (Ceramic Optical Ruggedized Engine) Image Intensifier technology.

Unlike Gen 1 Image intensifier tubes that are made from glass and therefore fragile, CORE™ IITs are made just like Gen 2 and Gen 3: by fusing metal alloys with ceramic compounds. CORE™ technology is based on durable elements and allows tight component stacking, resulting in image tubes that are exceptionally shockproof and vibration-resistant. The robust packaging envelope lacks the easily breakable protrusions common in Gen 1 tubes, allowing for a streamlined design of lighter, more compact, and more reliable Night Vision devices.

The CORE™ platform offers best-in-class resolution with a 60-70 lp/mm increased photocathode sensitivity level, in upwards of 400µA/lm. This provides an image quality in prevalent ambient light conditions that rivals high-end Gen 2 image tubes.

Gen 2+ SD/SDi "Standard Definition" IIT

Second Generation tubes have a microchannel plate (MCP) electron amplifier, as well as a multi-alkaline photocathode with a built-in power supply. Typically, resolution ranges from 45 to 51 lp/mm, and the Signal-to-Noise Ratio ranges from 15 to 21.

*Armasight SDi tubes are designed to support international sales of Gen2+ equipment to various countries.



Gen 2+

Gen 2+ ID/IDi "Improved Definition" IIT

Our Gen 2+ ID image intensifier tubes are engineered for significantly enhanced performance over current 2nd Generation IITs. The Gen 2+ ID IIT is a compact, Multi-Alkali, 18mm format, proximity-focused MCP-based image intensifier. Resolution ranges from 47 to 54 lp/mm, and the Signal-to-Noise Ratio typically ranges from 15 to 22.

*Armasight IDi tubes are designed to support international sales of Gen 2+ equipment to various countries.

Gen 2+ HD/HDi “High Definition” IIT

Our Gen 2+ HD tubes are an upgraded version of the Gen 2+ ID tube. Most HD specifications approximate a baseline similar to 3rd generation image intensifier tubes. The Gen 2+ HD tubes include a multi-alkali photocathode, a Resolution range of 55 to 72 lp/mm, and typically, a Signal-to-Noise Ratio of 15 to 23.

*Armasight HDi tubes are designed to support international sales of Gen 2+ equipment to various countries.

Gen 2+ QS/QSi “Quick Silver” White Phosphor IIT

Experienced professionals know that nighttime scenes appear much more natural when displayed in black and white, as opposed to the typical “night-vision green.” Our unique “Quick Silver” Gen 2+ IITs are characterized by high-contrast, white phosphor screens that offer black and white displays, which provide clearer details, better contrast, and more distinct shapes and shadows. They include a multi-alkali photocathode, a Resolution range of 47-54 lp/mm (QS), and a Signal-to-Noise Ratio of 15 to 23.

*Armasight QSi tubes are designed to support international sales of Gen 3 equipment to various countries.

Gen 3 Bravo/3E IIT

Our Bravo 3rd Generation image intensifier tubes deliver high quality Night Vision images. Generation 3 is the standard for the United States military. They include a Gallium Arsenide (GaAs) photocathode, a Resolution range of 57 to 64 lp/mm, and a Signal-to-Noise Ratio of 16 to 30.

*Armasight 3E tubes are designed to support international sales of Gen 3 equipment to various countries.

Gen 3 “Ghost”/“Ghost E” White Phosphor IIT

Our unique Gen 3 “Ghost” White Phosphor IITs are characterized by high-contrast, white phosphor screens that offer black and white displays, which provide clearer details, better contrast, and more distinct shapes and shadows. They include a microchannel plate, GaAs photocathode, and a completely self-contained, high-voltage power supply. They have a Resolution range of 47 to 57 lp/mm, and a Signal-to-Noise Ratio of 16 to 30.

*Armasight Ghost E tubes are designed to support international sales of Gen 3 equipment to various countries.

Gen 3 Alpha/3N IIT

These IITs are handpicked to provide the highest quality available in our Gen 3 line. They include a microchannel plate, Thin Film GaAs photocathode, and a completely self-contained high-voltage power supply. They typically have a Resolution of 64 to 72 lp/mm and a Signal-to-Noise Ratio of 16 to 30.

*Armasight 3N tubes are designed to support international sales of Gen 3 equipment to NATO countries.

Gen 3P ITT Pinnacle™

These Night Vision units are designed around the Gen 3P ITT Pinnacle* image intensifier tubes. These industry-leading tubes utilize a gated power supply that provides outstanding auto-gated performance. The Pinnacle tube minimizes the “halo” effect often associated with light interference caused by sources of bright light. They include Gallium Arsenide photocathodes, a Resolution range of 64 to 72 lp/mm, and a Signal-to-Noise Ratio of 16 to 30. *Units with Pinnacle tubes are **not** available for export.*

*Pinnacle is a registered trademark of ITT Night Vision.

FLAG Filmless Autogated IIT

Armasight’s FLAG* (FilmLess AutoGated) image intensifier tubes (sometimes referred to as Gen 4 IITs) improve operational effectiveness for Night Vision users. The filmless microchannel plate provides a higher signal-to-noise ratio than standard Gen 3 IITs, resulting in better image quality in low-light conditions, and minimizing the “halo” effect often associated with light interference caused by streetlights and other sources of bright light. These units include Filmless GaAs photocathodes, an autogated power supply, a Resolution that ranges from 64 to 72 lp/mm, and a Signal-to-Noise Ratio of 16 to 30. *Units with FLAG tubes are **not** available for export.*



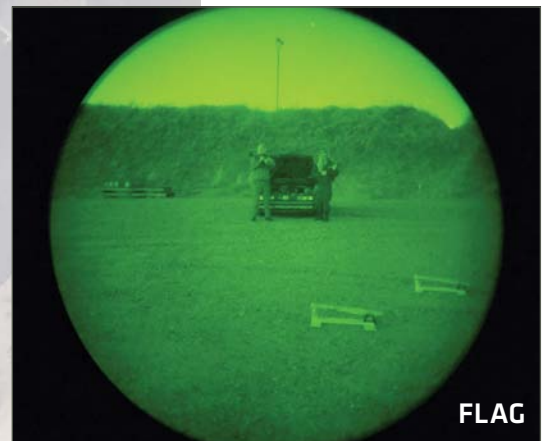
Gen 2+ Quick Silver



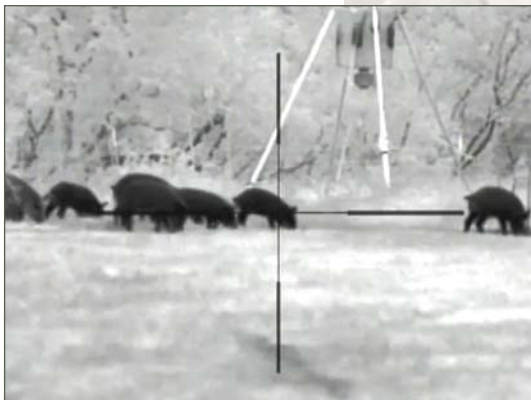
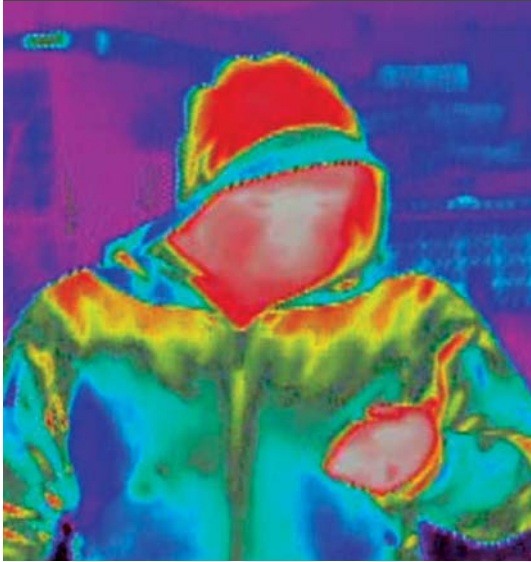
Gen 3



Gen 3 Ghost



FLAG



Thermal Imaging

Thermal imaging cameras, also known as infrared cameras, detect the heat given off by an object or person.

Everything we encounter gives off thermal energy. The hotter the object, the more thermal energy it emits. This emitted thermal energy is called a "heat signature." When objects have different heat signatures, they are displayed in different colors, which makes detecting warm-blooded animals (including people) against cooler surroundings quick and easy.

Thermal imaging cameras have lenses, just like visible light cameras. But in the case of thermal detection, the lenses focus waves from infrared energy onto an infrared sensor array. Thousands of sensors on the array convert the infrared energy into electrical signals, which create a video image. The infrared camera measures and displays a "thermal profile" of objects in relation to the temperature of any surrounding objects.

Thermal imaging technology also allows users to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants.

Armasight's latest Thermal Imaging product line represents the most sophisticated devices available on the market today for hunters, SWAT Teams, and the Military, based on their superior price-to-performance value.

Digital Night Vision

Digital Night Vision is a fairly new technology that was introduced to the market within the last decade. Similar to other passive Night Vision devices, Digital NV allows users to view images in near-total darkness. The two main benefits of Digital Night Vision include an ability to work during daytime or nighttime without risking damage to the device, as well as real-time High Resolution Recording Capabilities in standard North American NTSC video or European PAL video formats. However, recording capability is not available on all models.

In terms of performance, some higher-end Digital NV systems can be compared to Gen 2 NVD, while the majority of low-end systems can be comparable to Gen 1. Using powerful IR Illuminators, such as the Armasight XLR-IR850, drastically increases performance and viewing distances in Digital Night Vision Devices.

Digital Night Vision technology is very different from conventional I2 Night Vision. The light enters the device through an objective lens, after which it is processed through a highly sensitive charged coupling device (CCD), and then sent to a Liquid Crystal Display (LCD), where the image is displayed.

Night Vision Devices for the US Market

Name	Digital	Gen 1+	CORE	Gen 2+ SD	Gen 2+ ID	Gen 2+ QS	Gen 2+ HD	Gen 3 Bravo	Gen 3 Alpha	Gen 3 Ghost	Gen 3P	Gen 3 FLAG
MONOCULARS AND MULTI PURPOSE SYSTEMS												
Avenger				ABC	ABC	ABC						
Avenger 10x				MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC
Spark			+									
Sirius				MGC	MGC	MGC						
N-14				ABC	ABC	ABC	ABC	ABC	ABC	ABC	ABC	ABC
Nyx-14				MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC
Nyx-14 PRO				ABC	ABC	ABC	ABC	ABC	ABC	ABC	ABC	ABC
PVS-14				MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC
Nyx-14C					MGC	MGC	MGC		MGC	MGC	MGC	MGC
GOGGLES												
Vega		+										
Spark-G			+									
Nyx-7				ABC	ABC	ABC						
Nyx-7 PRO					ABC	ABC	ABC	ABC	ABC		ABC	
PVS-7				ABC	ABC	ABC	ABC	ABC	ABC	ABC	ABC	
N-15				ABC	ABC	ABC	ABC	ABC	ABC	ABC	ABC	ABC
BINOCULARS												
Dark Strider		+										
Spark-B			+									
Eagle				ABC	ABC	ABC						
Discovery				ABC	ABC	ABC	ABC	ABC	ABC		ABC	
Janus	+											
WEAPON SIGHTS												
Vampire			+									
Orion		+										
WWZ		+										
Vulcan				MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC
Nemesis				ABC	ABC	ABC						
Drone PRO	+											
DAY/NIGHT SYSTEMS												
CO-Mini					MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC
CO-MR				MGC	MGC	MGC	ABC	ABC	ABC		ABC	
CO-X				MGC	MGC	MGC	ABC	ABC	ABC		ABC	
CO-LR					MGC	MGC	MGC	MGC	MGC	MGC	MGC	MGC

ABC - Automatic Brightness Control
MGC - Manual Gain Control

Thermal Imaging Devices for the US Market

	Tau 2 Core 324x256 30Hz	Tau 2 Core 324x256 60Hz	Tau 2 Core 336x256 30Hz	Tau 2 Core 336x256 60Hz	Tau 2 Core 640x512 30Hz	Tau 2 Core 640x512 60Hz	Quark 2 Core 336x256 30Hz	Quark 2 Core 336x256 60Hz	Quark 2 Core 640x512 30Hz	Quark 2 Core 640x512 60Hz
MONOCULARS										
Prometheus			+	+	+	+				
Prometheus HD			+	+	+	+				
Prometheus PRO			+	+	+	+				
Q14							+	+	+	+
BINOCULARS										
Helios			+	+	+	+				
Helios HD			+	+	+	+				
Helios PRO			+	+	+	+				
WEAPON SIGHTS										
Predator			+	+	+					
Zeus			+	+	+	+				
Zeus PRO			+	+	+	+				
DAY/NIGHT SYSTEMS										
Apollo	+	+			+	+				
Apollo PRO			+	+	+	+				
Apollo Mini							+	+	+	+

Night Vision Devices for the International Market

Name	Digital	Gen 1+	CORE	Gen 2+ SDi*	Gen 2+ IDi*	Gen 2+ QSi*	Gen 2+ HDi*	Gen 3 E*	Gen 3 Ghost E*	Gen 3N**
MONOCULARS AND MULTI PURPOSE SYSTEMS										
Avenger				ABC	ABC	ABC				
Avenger 10x				MGC	MGC	MGC	MGC	MGC	MGC	MGC
Spark			+							
Sirius				MGC	MGC	MGC				
N-14										
Nyx-14										
Nyx-14 PRO										
PVS-14										
Nyx-14C					MGC	MGC	MGC	MGC		MGC
GOGGLES										
Vega		+								
Spark-G			+							
Nyx-7				ABC	ABC	ABC				
Nyx-7 PRO					ABC	ABC	ABC	ABC		ABC
PVS-7								ABC		ABC
N-15				ABC	ABC	ABC	ABC	ABC	ABC	ABC
BINOCULARS										
Dark Strider		+								
Spark-B			+							
Eagle				ABC	ABC	ABC				
Discovery				ABC	ABC	ABC	ABC	ABC		ABC
Janus	+									
WEAPON SIGHTS										
Vampire			+							
Orion		+								
WWZ		+								
Vulcan				MGC	MGC	MGC	MGC	MGC	MGC	MGC
Nemesis				ABC	ABC	ABC				
Drone PRO	+									
DAY/NIGHT SYSTEMS										
CO-Mini				MGC	MGC	MGC	MGC	MGC	MGC	MGC
CO-MR				MGC	MGC	MGC	ABC	MGC		MGC
CO-X				MGC	MGC	MGC	ABC	MGC	MGC	MGC
CO-LR					MGC	MGC	MGC	MGC	MGC	MGC

ABC - Automatic Brightness Control
MGC - Manual Gain Control

* State Department export license is required.

** For NATO countries only. State Department export license is required.

Thermal Imaging Devices for the International Market

	Tau 2 Core 324x256 9Hz	Tau 2 Core* 324x256 30Hz	Tau 2 Core 336x256 9Hz	Tau 2 Core* 336x256 30Hz	Tau 2 Core 640x512 9Hz	Tau 2 Core* 640x512 30Hz	Quark 2 Core 336x256 9Hz	Quark 2 Core* 336x256 30Hz	Quark 2 Core 640x512 9Hz	Quark 2 Core* 640x512 30Hz
MONOCULARS										
Prometheus			+	+	+	+				
Prometheus HD			+	+	+	+				
Prometheus PRO				+	+	+				
Prometheus Mini							+	+	+	
Q14								+	+	+
BINOCULARS										
Helios			+	+	+	+				
Helios HD			+	+	+	+				
Helios PRO				+	+	+				
WEAPON SIGHTS										
Predator				+	+	+				
Zeus				+	+	+				
Zeus PRO				+	+	+				
DAY/NIGHT SYSTEMS										
Apollo	+	+				+				
Apollo PRO				+	+	+				
Apollo Mini								+	+	+

* State Department export license is required.



NIGHT VISION



AVENGER

Night Vision Monocular

The Armasight Avenger is a high-tech, tough, and durable Night Vision monocular that delivers great performance at the lowest possible cost. Packed with high-tech features, the Avenger is a unit that is equally at home with the hunter as it is with the professional security officer or law enforcement professional. The Armasight Avenger can be mounted in front of a camcorder or camera for night photography, or it can be affixed to a rifle with a variety of different mounts.

The Armasight Avenger is a Night Vision workhorse that will exceed the performance requirements of the most demanding professionals or casual Night Vision users.

- Ⓐ **3X magnification**
- Ⓐ **Automatic brightness control**
- Ⓐ **Bright light cut-off**
- Ⓐ **Utilizes single CR123A lithium battery or AA Alkaline, Adapter included**
- Ⓐ **Adaptable for use with cameras**
- Ⓐ **Weapon mountable**
- Ⓐ **Built-in Infrared illuminator and flood lens**
- Ⓐ **Water and fog-resistant**
- Ⓐ **Limited Two-Year Warranty**



Magnification	3x
Lens system	80mm; F/1.65
Field of view (°)	12.6
Dimensions (mm/in)	212x56x84 / 8.3x2.2x3.3
Weight (kg/lbs)	0.67 / 1.5

Part NO.	Name
PRODUCTS FOR US MARKET	
NSMAVENGE32GDS1	Avenger SD – Gen 2+ “Standard Definition” 45-51 lp/mm
NSMAVENGE32GDI1	Avenger ID – Gen 2+ “Improved Definition” 47-54 lp/mm
NSMAVENGE3QGDI1	Avenger QS – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm
PRODUCTS FOR INTERNATIONAL MARKET*	
NSMAVENGE32GIS1	Avenger SDi – Gen 2+ “Standard Definition”
NSMAVENGE32GII1	Avenger IDi – Gen 2+ “Improved Definition”
NSMAVENGE3QGII1	Avenger QSi – Gen 2+ “Quick Silver” White Phosphor
ACCESSORIES	
ANAM000004	QRM - Quick-Release Weapon Mount #26/#142
ANKI000049	AIM PRO-L - Advanced Integrated Mount Pro Long
ANAM000016	Camera Adapter #47
ANAM000006	Universal Camera Adapter #45
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANAM000045	Extended Rail Adapter #85
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

*Export regulations may apply, please see page 71.

AVENGER 10x

Night Vision Monocular

The Armasight Avenger 10x is the new standard by which all long-range NV monoculars will be judged in the future. The Avenger 10x uses optics equal to or better than current Military issue Night Vision units, and that are built into a tough and ergonomic composite housing. The Avenger offers 10x optical magnification, and is a perfect unit for long-range nighttime observation. Armasight designed and built this unit to surpass MIL-SPEC-810 specifications; as a result, the Armasight Avenger 10x can withstand saltwater, rain, high humidity and temperature extremes, and still provide unsurpassed levels of performance.

The Avenger 10x is equipped with manual variable gain control so that the user can select the image brightness level, in order to properly adjust for ambient light levels in the environment. The Avenger 10x comes included with high-powered IR illuminator for long-range use. The Armasight Avenger 10x can be equipped with high-performance Gen 2+ and Gen 3 IITs including Green phosphor or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays. The Armasight Avenger 10x is a high-standard Night Vision device that will meet the requirements of the most demanding law enforcement officer, military professional, or casual civilian user.

- Ⓐ **Powerful 10x magnification**
- Ⓐ **Rugged design**
- Ⓐ **XLR-IR850 Detachable X-Long Range IR Illuminator included**
- Ⓐ **Manual variable gain control**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Utilizes single CR123A lithium or AA battery**
- Ⓐ **Adaptable for use with cameras**
- Ⓐ **Standard tripod adaptable**
- Ⓐ **Limited Two-Year Warranty**

Magnification	10x
Lens system	192mm; F/2.13
Field of view (°)	5.2
Dimensions (mm/in)	288x100x100 / 11.3x3.9x3.9
Weight (kg/lbs)	1.33 / 2.9

Part NO.	Name
PRODUCTS FOR US MARKET	
NSMAVENGE029DS1	Avenger 10x SD MG – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NSMAVENGE029DI1	Avenger 10x ID MG – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSMAVENGE029DH1	Avenger 10x HD MG – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NSMAVENGE0Q9DI1	Avenger 10x QS MG – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm, Manual Gain
NSMAVENGE039DB1	Avenger 10x 3 Bravo MG – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NSMAVENGE039DA1	Avenger 10x 3 Alpha MG – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NSMAVENGE0P9DA1	Avenger 10x 3P MG – Gen 3 High Performance IIT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NSMAVENGE0G9DA1	Avenger 10x Ghost MG – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSMAVENGE0F9DA1	Avenger 10x FLAG MG – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
PRODUCTS FOR INTERNATIONAL MARKET*	
NSMAVENGE029IS1	Avenger 10x SDi MG – Gen 2+ "Standard Definition", Manual Gain
NSMAVENGE029I1	Avenger 10x IDi MG – Gen 2+ "Improved Definition", Manual Gain
NSMAVENGE029IH1	Avenger 10x HDi MG – Gen 2+ "High Definition", Manual Gain
	Avenger 10x QSi MG – Gen 2+ "Quick Silver" White Phosphor, Manual Gain
NSMAVENGE0G9EA1	Avenger 10x Ghost E MG – Gen 3 "Ghost" White Phosphor, Manual Gain
NSMAVENGE039EA1	Avenger 10x 3E MG – Gen 3, Manual Gain
NSMAVENGE039NA1	Avenger 10x 3N MG – Gen 3 High Performance, Manual Gain
ACCESSORIES	
ANAMTM0003	Tripod with a Grip
ANAF18XXLR	XLR-IR A-Focal Doubler
ANHC000004	Hard Shipping/ Storage Case #102 (F200)

*Export regulations may apply, please see page 71.





SPARK

Multi-Purpose Night Vision Monocular

For years, development and improvement of consumer-oriented, single-stage Gen 1 technology has remained stagnant – until now! Traditional Gen 1 tubes are made of glass, which makes them fragile, easily damaged, and with relatively low resolution characterized by image edge distortion.

Armasight is proud to introduce its exclusive, revolutionary new approach to Night Vision: CORE (Ceramic Optical Ruggedized Engine) image intensifier tubes. While CORE does not contain a microchannel plate (and so by definition lands in the Gen 1 category), that is where the parallels end. Instead of glass, CORE tubes use a specially formulated ceramic compound fused with metal alloys, similar to those used in production of Gen 2 and Gen 3 image intensifier tubes. Further advances in CORE technology have removed almost all edge distortion, dramatically increased photocathode sensitivity, and most importantly, nearly doubled resolution up to 70 lp/mm.

The Armasight Spark is the perfect partner for this new hybrid tube-type – a rugged, lightweight, multi-purpose Night Vision monocular. With optional accessories, it can be hand-held or mounted to headgear. With a day scope adapter, it can convert your existing day scope into a Night Vision device at a cost-effective price. With an optional 3X a-focal lens and IR illuminator, the Spark can serve as a medium-range, ultra-high resolution spotting scope, and with the optional camcorder/ camera adapter, it can even take video or still photography in near-to-total darkness.

The Armasight Spark is the ideal Night Vision unit for the outdoorsman or first responder who demands higher resolution, better image clarity, and greater durability than any standard Gen 1 unit can offer.



- Ⓐ **Compact, rugged design**
- Ⓐ **Weapon-mountable**
- Ⓐ **Head or helmet-mountable for hands-free usage**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Utilizes single CR123A lithium battery**
- Ⓐ **Adaptable for use with cameras**
- Ⓐ **Built-in Infrared illuminator**
- Ⓐ **Limited Two-Year Warranty**

Magnification	1x
Lens system	35mm; F/1.7
Field of view (°)	35
Dimensions (mm/in)	159x49x82 / 6.3x1.9x3.2
Weight (kg/lbs)	0.37 / 0.8

Part NO.	Name
PRODUCT FOR US AND INTERNATIONAL MARKETS	
NSMSPARK01CCIC1	Spark – "CORE" IIT 60-70 lp/mm
ACCESSORIES*	
ANHG000001	Goggle Kit #1
ANHM000002	Helmet Mount #3 (MICH/PASGT)
ANAF3X0023	3x A-Focal Lens Kit: Lens #22 with Adapter #23
ANAF5X0023	5x A-Focal Lens with Adapter #23
ANAMRF0003	ARF53 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARF55 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANAM000002	Scope Adapter Mount #5
ANAM000004	QRM - Quick-Release Weapon Mount #26/#142
ANAM000016	Camera Adapter #47
ANKI000032	AIM PRO – Advanced Integrated Mount Pro
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANAM000006	Universal Camera Adapter #45
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

* See more accessories at www.armsight.com

SIRIUS

Multi-Purpose Night Vision Monocular

The Armasight Sirius is a high-tech, tough, and durable multi-use Night Vision monocular that delivers great performance at a reasonable cost. Packed with high-tech features, the Sirius is a unit that is equally as appropriate for the hunter as it is for the professional security officer or law enforcement professional. Mission configurable, the Sirius can be hand-held or mounted to a helmet or headgear. It can also be mounted onto a rifle, or used for night photography. Optional lenses can turn it into a long-range night viewing device in seconds.

Despite the low cost, the Sirius features manual brightness control, bright light shut-off circuitry, and a built-in spot/flood IR illuminator. The Armasight Sirius can be equipped with high-performance Gen 2+, including Green phosphor or Armasight's "Quick Silver", which provide users with natural B&W Night Vision displays.

- Ⓐ **Compact, rugged design**
- Ⓐ **Weapon-mountable**
- Ⓐ **Head or helmet-mountable for hands-free usage**
- Ⓐ **Auto-brightness control**
- Ⓐ **Bright light cut-off**
- Ⓐ **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- Ⓐ **Adaptable for use with cameras**
- Ⓐ **Built-in Infrared illuminator and flood lens**
- Ⓐ **Limited Two-Year Warranty**

Magnification	1x
Lens system	24mm; F/1.2
Field of view (°)	40
Dimensions (mm/in)	157x60x75 / 6.2x2.4x2.9
Weight (kg/lbs)	0.46 / 1.0

Part NO.	Name
PRODUCTS FOR US MARKET	
NSMSIRIUS12MDS1	Sirius SD MG – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NSMSIRIUS12MDI1	Sirius ID MG – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSMSIRIUS1QMDI1	Sirius QS MG – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm, Manual Gain
PRODUCTS FOR INTERNATIONAL MARKET*	
NSMSIRIUS12MIS1	Sirius SDi MG – Gen 2+ "Standard Definition", Manual Gain
NSMSIRIUS12MI1	Sirius IDi MG – Gen 2+ "Improved Definition", Manual Gain
NSMSIRIUS1QMI1	Sirius QSi MG – 2+ "Quick Silver" White Phosphor, Manual Gain
ACCESSORIES**	
ANHG000004	Goggle Kit #2
ANHGWX0G70	Tactical Goggle Kit: Wilcox L4 G24 and 3 Hole Shroud, Crye Precision Nightcap, and Swing Arm #172
ANHM000001	Helmet Mount #4
ANHM000007	MICH Helmet Mount Assembly USA #107 with Adapter/Swing Arm #37
ANHM000008	PASGT Helmet Mount Assembly USA #108 with Adapter/Swing Arm #37
ANHG000002	Swing Arm #37
ANHM000172	Swing Arm #172
ANAF3X0023	3x A-Focal Lens Kit: Lens #22 with Adapter #23
ANAF5X0023	5x A-Focal Lens with Adapter #23
ANAMRF0003	ARF53 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARF55 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANLE7X0017	7x Lens #17
ANAM000001	Scope Adapter Mount #6
ANAM000004	QRM - Quick-Release Weapon Mount #26/#142
ANKI000032	AIM PRO – Advanced Integrated Mount Pro
ANKI000049	AIM PRO-L - Advanced Integrated Mount Pro Long
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler

*Export regulations may apply, please see page 71.

** See more accessories at www.armsight.com





NYX-14 NYX-14 PRO N-14

Multi-Purpose Night Vision Monoculars

The Armasight Nyx-14 is the new standard by which all compact multi-use monoculars will be judged in the future. The Nyx-14 uses optics that are equal to or better than current Military issue Night Vision units, built into a tough, compact, and ergonomic composite housing. Armasight designed and built this unit to surpass MIL-SPEC-810 specifications – as a result, the Armasight Nyx-14 can withstand saltwater, rain, high humidity, and temperature extremes, and still provide unsurpassed levels of performance.

The Nyx-14 mini-monocular is equipped with manual variable gain control so that the user can select the image brightness level, in order to properly adjust for ambient light levels in the environment. The Armasight Nyx-14 is available with an array of accessories such as 3X, 5X, and 8X magnification lenses for mid-to-long range viewing; head or helmet mounts to allow the unit to be worn as a mono-goggle; various weapon mounts for tactical or hunting applications; and additional, high-powered IR illuminators for long-range use. The Armasight NYX-14 can be equipped with high-performance Gen 2+ and Gen 3 IITs including Green phosphor or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays. The Armasight NYX-14 is a high-standard Night Vision device that will meet the requirements of the most demanding law enforcement officer, military professional, or casual civilian user.

The Nyx-14 PRO has a built-in IR Illuminator and Class 1 covert IR laser pointer with a push-button control. The built-in IR Laser Pointer allows users to communicate targets to other team members easily and conveniently. The Armasight Nyx-14 PRO is available with an array of accessories for tactical or hunting applications. The Nyx-14 PRO can be used as a handheld, mounted to headgear, helmet-mounted or weapon-mounted device to allow for increased mobility, firing capabilities, short-range surveillance, map reading, vehicle maintenance, and First-Aid administration.

The Armasight N-14 Night Vision monocular is equipped with the same features as the Nyx-14, with the exception of manual gain control.

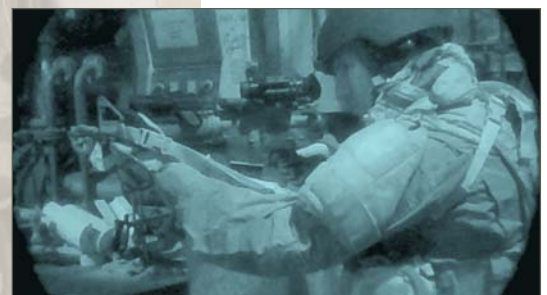
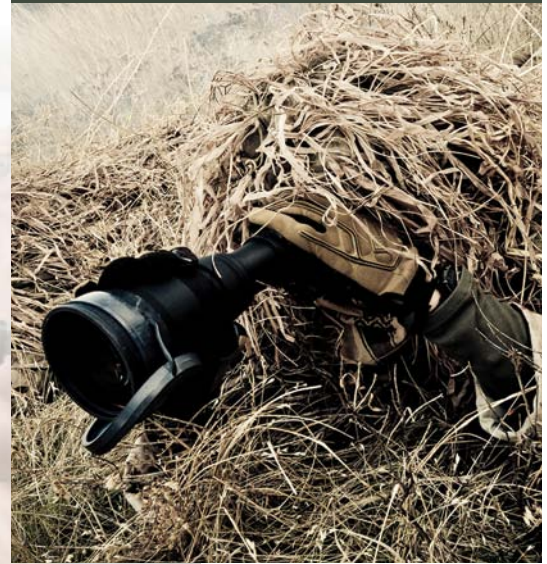


- Ⓐ **Compact, rugged design**
- Ⓐ **Waterproof**
- Ⓐ **Weapon-mountable**
- Ⓐ **Head or helmet-mountable for hands-free usage**
- Ⓐ **Manual variable gain control (Nyx-14)**
- Ⓐ **Auto-brightness control**
- Ⓐ **Bright light cut-off**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Utilizes single CR123A lithium or AA battery**
- Ⓐ **Adaptable for use with cameras**
- Ⓐ **Built-in Infrared illuminator and flood lens**
- Ⓐ **Limited Two-Year Warranty**

Model	Nyx-14	Nyx-14 PRO	N-14
Magnification	1x	1x	1x
Lens system	27mm; F/1.2	27mm; F/1.2	27mm; F/1.2
Field of view (°)	40	40	40
Dimensions (mm/in)	120x49x69 / 4.7x1.9x2.7	117x49x69 / 4.6x1.9x2.7	117x49x69 / 4.6x1.9x2.7
Weight (kg/lbs)	0.4 / 0.88	0.37 / 0.8	0.34 / 0.75

Part NO.	Name
PRODUCTS FOR US MARKET	
NSMNYX140129DS1	Nyx-14 SD MG – Gen 2+ “Standard Definition” 45-51 lp/mm, Manual Gain
NSMNYX140129DI1	Nyx-14 ID MG – Gen 2+ “Improved Definition” 47-54 lp/mm, Manual Gain
NSMNYX140129DH1	Nyx-14 HD MG – Gen 2+ “High Definition” 55-72 lp/mm, Manual Gain
NSMNYX1401Q9DI1	Nyx-14 QS MG – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm, Manual Gain
NSMNYX140139DB1	Nyx-14 3 Bravo MG – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NSMNYX140139DA1	Nyx-14 3 Alpha MG – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NSMNYX1401P9DA1	Nyx-14 3P MG – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NSMNYX1401G9DA1	Nyx-14 Ghost MG – Gen 3 “Ghost” White Phosphor 47-57 lp/mm, Manual Gain
NSMNYX1401F9DA1	Nyx-14 FLAG MG – “FLAG” Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
NSMNYX14P126DS1	Nyx-14 PRO SD – Gen 2+ “Standard Definition” 45-51 lp/mm
NSMNYX14P126DI1	Nyx-14 PRO ID – Gen 2+ “Improved Definition” 47-54 lp/mm
NSMNYX14P126DH1	Nyx-14 PRO HD – Gen 2+ “High Definition” 55-72 lp/mm
NSMNYX14P1Q6DI1	Nyx-14 PRO QS – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm
NSMNYX14P136DB1	Nyx-14 PRO 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSMNYX14P136DA1	Nyx-14 PRO 3 Alpha – Gen 3 High Performance 64-72 lp/mm
NSMNYX14P1P6DA1	Nyx-14 PRO 3P – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
NSMNYX14P1G6DA1	Nyx-14 PRO Ghost – Gen 3 “Ghost” White Phosphor 47-57 lp/mm
NSMNYX14P1F6DA1	Nyx-14 PRO FLAG – “FLAG” Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm
NSMN14000126DS1	N-14 SD – Gen 2+ “Standard Definition” 45-51 lp/mm
NSMN14000126DI1	N-14 ID – Gen 2+ “Improved Definition” 47-54 lp/mm
NSMN14000126DH1	N-14 HD – Gen 2+ “High Definition” 55-72 lp/mm
NSMN140001Q6DI1	N-14 QS – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm
NSMN14000136DB1	N-14 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSMN14000136DA1	N-14 3 Alpha – Gen 3 High Performance 64-72 lp/mm
NSMN140001P6DA1	N-14 3P – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
NSMN140001G6DA1	N-14 Ghost – Gen 3 “Ghost” White Phosphor 47-57 lp/mm
NSMN140001F6DA1	N-14 FLAG – “FLAG” Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm
PRODUCTS FOR INTERNATIONAL MARKET*	
NSMNYX140129IS1	Nyx-14 SDi MG – Gen 2+ “Standard Definition”, Manual Gain
NSMNYX140129II1	Nyx-14 IDi MG – Gen 2+ “Improved Definition”, Manual Gain
NSMNYX140129IH1	Nyx-14 HDi MG – Gen 2+ “High Definition”, Manual Gain
NSMNYX1401Q9II1	Nyx-14 QSi MG – Gen 2+ “Quick Silver” White Phosphor, Manual Gain
NSMNYX1401G9EA1	Nyx-14 Ghost E MG – Gen 3 “Ghost” White Phosphor, Manual Gain
NSMNYX140139EA1	Nyx-14 3E MG – Gen 3, Manual Gain
NSMNYX140139NA1	Nyx-14 3N MG – Gen 3 High Performance, Manual Gain
NSMNYX14P126IS1	Nyx-14 PRO SDi – 2+ “Standard Definition”
NSMNYX14P126II1	Nyx-14 PRO IDi – Gen 2+ “Improved Definition”
NSMNYX14P1Q6II1	Nyx-14 PRO QSi – Gen 2+ “Quick Silver” White Phosphor
NSMNYX14P1Q6IH1	Nyx-14 PRO HDi – Gen 2+ “High Definition”
NSMNYX14P1G6EA1	Nyx-14 PRO Ghost E – Gen 3 “Ghost” White Phosphor
NSMNYX14P136EA1	Nyx-14 PRO 3E – Gen 3
NSMNYX14P136NA1	Nyx-14 PRO 3N – Gen 3 High Performance
NSMN14000126IS1	N-14 SDi – 2+ “Standard Definition”
NSMN14000126II1	N-14 IDi – Gen 2+ “Improved Definition”
NSMN14000126IH1	N-14 HDi – Gen 2+ “High Definition”
NSMN140001Q6II1	N-14 QSi – Gen 2+ “Quick Silver” White Phosphor
NSMN140001G6EA1	N-14 Ghost E – Gen 3 “Ghost” White Phosphor
NSMN14000136EA1	N-14 3E – Gen 3
NSMN14000136NA1	N-14 3N – Gen 3 High Performance
ACCESSORIES SEE ON PAGE 16	

*Export regulations may apply, please see page 71.





Accessories for NYX-14, NYX-14 PRO, N-14

Part NO.	Name
ANHG000004	Goggle Kit #2
ANHM000001	Helmet Mount #4 (MICH/PASGT)
ANHM000007	MICH Helmet Mount Assembly USA #107 with Adapter/Swing Arm #37
ANHM000008	PASGT Helmet Mount Assembly USA #108 with Adapter/Swing Arm #37
ANHG000002	Swing Arm #37 Mini Rail Adapter to Bayonet Mount
ANHM000172	Swing Arm #172 Mini Rail to Dovetail Adapter
ANHWX0G70	Tactical Goggle Kit: Wilcox L4 G24 and 3 Hole Shroud, Crye Precision Nightcap, and Swing Arm #172
ANHMWX0G05	Dual Bridge
ANAF3X0002	3x A-Focal Lens
ANAF5X0002	5x A-Focal Lens
ANAMRF0003	ARFS3 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARFS5 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANLE8X0162	8x Lens #162
ANEC000001	Shutter Eyeguard #82
ANAM000004	QRM - Quick-Release Weapon Mount #26/#142
ANAM000002	Scope Adapter Mount #5
ANCA000001	Time Tracker System #83
ANKI000032	AIM PRO - Advanced Integrated Mount Pro
ANKI000049	AIM PRO-L - Advanced Integrated Mount Pro Long
ANAM000045	Extended Rail Adapter #85
ANLC000001	Demist Shield #34
ANLC000002	Sacrificial Window #30
ANAM000029	Camera Adapter #46
ANAM000006	Universal Camera Adapter #45
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

ARFS

Advanced Range-Finding Stadia

The Armasight Advanced Range-Finding Stadia (ARFS) provides an innovative means for adding a passive range-finding capability to your image intensified night vision or low-light digital imaging device. This creative projection of a reticule into the objective lens to display a scaled stadia range-finding device demonstrates the established legacy of Armasight to leverage proven optical concepts and utilize them in new and useful tools for professional operators. The ARFS is offered in three different sizes to ensure a solution for most objective lenses and magnifiers. The removable ARFS module permits the user to remove the stadia range-finder for use on other equipment, or to restore the device to an unobscured field of view.

The ARFS is an optical projection attachment for night vision devices (NVDs). The ARFS mounts to either the objective lens or afocal magnifier of a night vision device. The built-in illuminated universal stadia range-finder enables accurate target range estimates.

- Ⓐ **Easy and intuitive to operate**
- Ⓐ **One-button digital control**
- Ⓐ **Built-in, illuminated universal stadia range-finder**
- Ⓐ **Digital brightness adjustment for illuminated reticle**
- Ⓐ **Automatic shut-off system**
- Ⓐ **Robust and lightweight**
- Ⓐ **Simple mounting**



PVS-14

Multi-Purpose Night Vision Monocular

The United States Military commissioned the AN/PVS-14 multi-purpose Night Vision monocular in the late '90s. Today, there are more AN/PVS-14 units currently deployed in NATO Armies than any other Night Vision device. The AN/PVS-14 was the first real multi-use monocular, allowing it to fulfill a huge variety of Military needs. It is also one of the most popular Night Vision units for law enforcement professionals.

The Armasight PVS-14 uses the same framework, and its battle-proven design is lightweight and tough with superb optics. The PVS-14 is compatible with a host of accessories, allowing it to be hand-held, mounted to a helmet, headgear, weapon, or camera. Designed for the most demanding nighttime Military or law enforcement operations, it is one of the best systems available. The Armasight PVS-14 can be equipped with high-performance Gen 2+ and Gen 3 IITs, including Green phosphor or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays.

- Ⓐ **Compact, rugged design**
- Ⓐ **Waterproof**
- Ⓐ **Head or helmet-mountable for hands-free usage**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Built-in Infrared illuminator**
- Ⓐ **Limited Two-Year Warranty**

Magnification	1x
Lens system	26mm; F/1.2
Field of view (°)	40
Dimensions (mm/in)	114x51x57 / 4.5x2.0x2.2
Weight (kg/lbs)	0.35 / 0.77

Part NO.	Name
PRODUCTS FOR US MARKET	
NAMPVS140129DS1	PVS-14 SD – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NAMPVS140129DI1	PVS-14 ID – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NAMPVS140129DH1	PVS-14 HD – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NAMPVS1401Q9DI1	PVS-14 QS – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm, Manual Gain
NAMPVS140139DB1	PVS-14 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NAMPVS140139DA1	PVS-14 3 Alpha – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NAMPVS1401P9DA1	PVS-14 3P – Gen 3 High Performance IIT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NAMPVS1401G9DA1	PVS-14 Ghost – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NAMPVS1401F9DA1	PVS-14 FLAG – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
PRODUCTS FOR INTERNATIONAL MARKET*	
NAMPVS1401G9EA1	PVS-14 Ghost E – Gen 3 "Ghost" White Phosphor
NAMPVS140139EA1	PVS-14 3E – Gen 3
NAMPVS140139NA1	PVS-14 3N – Gen 3 High Performance
ACCESSORIES	
ANHM000005	MICH Helmet Mount Assembly USA #107
ANHM000006	PASGT Helmet Mount Assembly USA #108
ANAF3X0003	3x A-Focal Mil-Spec Lens #99
ANAF5X0001	5x A-Focal Mil-Spec Lens #100
ANAF3X000P	3x A-Focal Lens #22 with Adapter #24/#25
ANAF5X000P	5x A-Focal Lens with Adapter #24/#25
ANAMRF0003	ARF53 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARF55 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANAM000007	PVS-14 Weapons Mount #109
ANKIXLR118	XLR-IR850 X-Long Range IR Illuminator w/ Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANKI000P32	AIM-PRO Kit: AIM-PRO with Adapter Ring #62
ANKI000P49	AIM-PRO-L Kit: AIM-PRO-L with Adapter Ring #62
ANAM000045	Extended Rail Adapter #85
ANHCO00001	Hard Shipping/ Storage Case #101

*Export regulations may apply, please see page 71.



Night Vision Photography System

The Armasight NYX-14C is a compact, specialized electro-optical device for night vision photography and videography. The NYX-14C uses image intensification technology and is designed to convert digital cameras and camcorders into night vision-capable devices in order to turn night into day. The NYX-14C can be attached in front of a camera using the included Universal Camera Adapter with modifying or altering the camera itself. It really is as easy as mount and shoot!

The Armasight NYX-14C is intended primarily for the most demanding users where field of view and ease of use is especially important. Packed with innovative and important features like variable gain control and automatic bright light cut-off, the Armasight NYX-14C is designed to make quick, intuitive photo/ video shooting just as easy at night as it is during the day. Users can easily and quickly convert the Nyx-14C for nighttime observation with an interchangeable, 2X magnification monocular eyepiece.



- Ⓐ **Compact, rugged design**
- Ⓐ **Manual Gain control**
- Ⓐ **Waterproof**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Utilizes single CR123A lithium or AA battery**
- Ⓐ **Universal Camera Adapter and Extra-long-Range IR illuminator are included**
- Ⓐ **Adaptable for use with photo and video cameras**
- Ⓐ **Exchangeable eyepiece for conversion into night vision monocular**
- Ⓐ **Tripod-mountable**
- Ⓐ **Limited two-year warranty**

THE KIT INCLUDES: Nyx-14C Night Vision Monocular, Two Interchangeable Eyepieces (Specialized Photography and Standard), Universal Camera Adapter, XLR-IR850 Long-Range IR Illuminator with 18650 Rechargeable Battery and Charger Unit, Carrying Case.

ITEM	PHOTOGRAPHY NV MONOCULAR	STANDARD NV MONOCULAR
Magnification	1x	2x
Lens System <i>Nikon</i>	F1:1.25, 38 mm	F1:1.25, 38 mm
Field of view (°)	22	22
Eyepiece Focal Length	38 mm	20 mm
Exit Pupil	27 mm	5 mm
Dimensions (mm/in)	130x49x75 / 5.1x1.9x2.9	110x49x75 / 4.3x1.9x2.9
Weight (kg/lbs)	0.4 / 0.88	0.44 / 0.97

Part NO.	Name
PRODUCTS FOR US MARKET	
NSMNYX14C129DI1	Nyx-14C ID MG – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSMNYX14C129DH1	Nyx-14C HD MG – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NSMNYX14C1Q9DI1	Nyx-14C QS MG – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm, Manual Gain
NSMNYX14C139DA1	Nyx-14C 3 Alpha MG – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NSMNYX14C1P9DA1	Nyx-14C 3P MG – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NSMNYX14C1G9DA1	Nyx-14C Ghost MG – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSMNYX14C1F9DA1	Nyx-14C FLAG MG – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
PRODUCTS FOR INTERNATIONAL MARKET*	
NSMNYX14C129II1	Nyx-14C IDi MG – Gen 2+ "Improved Definition", Manual Gain
NSMNYX14C129IH1	Nyx-14C HDi MG – Gen 2+ "High Definition", Manual Gain
NSMNYX14C1Q9II1	Nyx-14C QSi MG – Gen 2+ "Quick Silver" White Phosphor, Manual Gain
NSMNYX14C139EA1	Nyx-14C 3E MG – Gen 3, Manual Gain
NSMNYX14C139NA1	Nyx-14C 3N MG – Gen 3 High Performance, Manual Gain
ACCESSORIES	
ANAMTM0003	Tripod with a Grip
ANAF18XXLR	XLR-IR A-Focal Doublor
ANHCC000001	Hard Shipping/ Storage Case #101

*Export regulations may apply, please see page 71.

VEGA

Night Vision Goggles

If low-cost, high quality, head-mounted Night Vision goggles are what you need, the Armasight Vega is the best choices for you! The Generation 1 Vega comes complete with headgear, which allows the unit to be mounted for hands-free operation. It is the perfect, inexpensive, hands-free option for nighttime air soft games, paintball, hunting, or security – Armasight Night Vision goggles will give you the edge! An integrated, short-range IR illuminator allows the unit to work well even in complete darkness, and an optional long-range infrared illuminator will dramatically boost the viewing range when you need it most. The Armasight Vega feature all-glass optics, easy to operate controls, and rugged, reinforced composite housing.

The Armasight Vega Night Vision monocular utilizes high-performance image intensifier tubes to provide clear and crisp images even in the darkest conditions.

- Ⓐ **Compact and lightweight**
- Ⓐ **Designed for hands-free operations**
- Ⓐ **High-resolution Gen 1+ image intensifier tube**
- Ⓐ **Built-in flood infrared illuminator**
- Ⓐ **Fully adjustable headgear for ultimate comfort**
- Ⓐ **Flip-up headgear**
- Ⓐ **Can be used in conjunction with long-range IR illuminator**
- Ⓐ **Water and fog-resistant**
- Ⓐ **Limited Two-Year Warranty**

Model	Vega
Magnification	1x
Lens system	35mm F/1.7
Field of view (°)	35
Dimensions (mm/in)	147×82×46 / 5.8×3.2×1.8
Weight (kg/lbs)	0.25 / 0.54

Part NO.	Name
PRODUCT FOR US AND INTERNATIONAL MARKETS	
NKGVEGA00111111	Vega – Gen 1+
ACCESSORIES	
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger



SPARK-G

Night Vision Goggles

Armasight Spark-G Night Vision goggle system built around CORE (Ceramic Optical Ruggedized Engine) image intensifier tubes. Unlike Gen 1 Image intensifier tubes, which are fragile because they are made from glass, CORE™ IITs are made just like Gen 2 and Gen 3: by fusing metal alloys with ceramic compounds. CORE™ technology is based on durable elements and allows tight component stacking, resulting in image tubes that are exceptionally shockproof and vibration-resistant. Robust packaging protects easy-to-break protrusions common in Gen 1 tubes, and allows for a streamlined design that is lighter, more compact, and more reliable than average Night Vision devices.

The CORE™ platform offers 'best in class' resolution with 60-70 lp/mm and an increased photocathode sensitivity level of upwards of 400 μA/lm, providing high image quality even in difficult ambient light conditions, rivaling high-end Gen 2 image tubes.

The Armasight Spark-G is a rugged and lightweight Night Vision monocular. The Armasight Spark-G comes complete with headgear, which allows the unit to be mounted for hands-free operation.



- Ⓐ **Compact, rugged design**
- Ⓐ **Weapon-mountable**
- Ⓐ **Head or helmet-mountable for hands-free usage**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Utilizes single CR123A lithium battery**
- Ⓐ **Adaptable for use with cameras**
- Ⓐ **Built-in Infrared illuminator**
- Ⓐ **Limited Two-Year Warranty**

Model	Spark G
Magnification	1x
Lens system	35mm; F/1.7
Field of view (°)	35
Dimensions (mm/in)	159x49x82 / 6.3x1.9x3.2
Weight (kg/lbs)	0.37 / 0.82

Part NO.	Name
PRODUCT FOR US AND INTERNATIONAL MARKETS	
NSGSPARK01CCIC1	Spark-G – "CORE" IIT, 60-70 lp/mm
ACCESSORIES	
ANHM000002	Helmet Mount #3
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger

NYX-7

Night Vision Goggles

The Armasight Nyx-7 is a bi-ocular Night Vision goggle system built around high-grade Gen 2+ image intensifier tubes. They are an exceptional choice for hands-free use. Built with high-grade optics and simple, reliable electronics, the Nyx-7 provides bright and clear Night Vision images, even in the most trying conditions. This unit includes a built-in IR light source for reading maps or basic, short-range illumination in complete darkness.

The Armasight Nyx-7 is available with a variety of accessories such as 3X, 5X and 7X magnification lenses for mid-to-long-range viewing, head or helmet mounts for hands-free operation, and additional, high-powered IR illuminators for long-range use.

Water-resistant, rugged, light, and compact, the Nyx-7 is the perfect hands-free unit for a variety of tough operations.

- Ⓐ **Lightweight, compact rugged Night Vision goggle system**
- Ⓐ **Multi-purpose: hand-held, can be mounted to headgear or helmet**
- Ⓐ **Comfortable, flip-up headgear**
- Ⓐ **Multi-coated all-glass optics**
- Ⓐ **Auto-brightness control**
- Ⓐ **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- Ⓐ **Water and fog-resistant**
- Ⓐ **Limited Two-Year Warranty**

Magnification	1x
Lens system	24mm; F/1.2
Field of view (°)	40
Dimensions (mm/in)	150x102x70 / 5.9x4.0x2.7
Weight (kg/lbs)	0.45 / 1.0

Part NO.	Name
PRODUCTS FOR US MARKET	
NSGNYX70012GDS1	Nyx-7 SD – Gen 2+ “Standard Definition” 45-51 lp/mm
NSGNYX70012GDI1	Nyx-7 ID – Gen 2+ “Improved Definition” 47-54 lp/mm
NSGNYX7001QGDI1	Nyx-7 QS – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm
PRODUCTS FOR INTERNATIONAL MARKET*	
NSGNYX70012GIS1	Nyx-7 SDi – Gen 2+ “Standard Definition”
NSGNYX70012GII1	Nyx-7 IDi – Gen 2+ “Improved Definition”
NSGNYX7001QGII1	Nyx-7 QSi – Gen 2+ “Quick Silver” White Phosphor
ACCESSORIES	
ANHM000001	Helmet Mount #4 (MICH/PASGT)
ANAF3X0023	3x A-Focal Lens Kit: Lens #22 with Adapter #23
ANAF5X0023	5x A-Focal Lens with Adapter #23
ANAMRF0003	ARF53 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARF55 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANLE7X0015	7x Lens
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANHCO00001	Hard Shipping/ Storage Case #101 (F100)

*Export regulations may apply, please see page 71.





NYX-7 PRO

Night Vision Goggles

The Armasight Nyx-7 PRO is an extremely rugged but compact bi-ocular night vision goggle system. Built with the highest-grade optics and simple, reliable electronics, the Nyx-7 PRO provides clear, bright nighttime images under even the most trying conditions. For hands-free use, it can be worn on the included flip-up head mount or optional universal helmet mount, both of which have a built-in mechanism that will automatically turn the unit off when it is flipped up. The Armasight NYX-7 PRO can be equipped with high-performance Gen 2+ or Gen 3 image tubes. The dismounted goggle can also be utilized as an excellent long-range viewer with optional 3x, and 5x afocal, 6x, and 8x magnifier lenses.

Waterproof, rugged, lightweight, and compact, the Armasight Nyx-7 PRO is the perfect hands-free unit for users ranging from the casual civilian to the most demanding military and law enforcement professionals.

- Ⓐ **Compact and lightweight, rugged design**
- Ⓐ **Head or helmet-mountable for hands-free usage**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- Ⓐ **Built-in Infrared illuminators and flood lens**
- Ⓐ **Limited Two-Year Warranty**



Magnification	1x
Lens system	27mm; F/1.2
Field of view (°)	40
Dimensions (mm/in)	165x120x61 / 6.5x4.7x2.4
Weight (kg/lbs)	0.5 / 1.1

Part NO.	Name
PRODUCTS FOR US MARKET	
NSGNYX7P0123DI1	Nyx-7 PRO ID – Gen 2+ “Improved Definition” 47-54 lp/mm
NSGNYX7P0123DH1	Nyx-7 PRO HD – Gen 2+ “High Definition” 55-72 lp/mm
NSGNYX7P01Q3DI1	Nyx-7 PRO QS – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm
NSGNYX7P0133DB1	Nyx-7 PRO 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSGNYX7P0133DA1	Nyx-7 PRO 3 Alpha – Gen 3 High Performance 64-72 lp/mm
NSGNYX7P01P3DA1	Nyx-7 PRO 3P – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
PRODUCTS FOR INTERNATIONAL MARKET*	
NSGNYX7P0123II1	Nyx-7 PRO IDi – Gen 2+ “Improved Definition”
NSGNYX7P0123IH1	Nyx-7 PRO HDi – Gen 2+ “High Definition”
NSGNYX7P01Q3II1	Nyx-7 PRO QSi – Gen 2+ “Quick Silver” White Phosphor
NSGNYX7P0133EA1	Nyx-7 PRO 3E – Gen 3
NSGNYX7P0133NA1	Nyx-7 PRO 3N – Gen 3 High Performance
ACCESSORIES	
ANHM000001	Helmet Mount #4 (MICH/PASGT)
ANHM000009	MICH Helmet Mount Assembly USA #107 with Adapter/Swing Arm #59
ANHM000010	PASGT Helmet Mount Assembly USA #108 with Adapter/Swing Arm #59
ANAM000034	Swing Arm #59 Mini Rail Adapter to Bayonet Mount
ANAF3X0002	3x A-Focal Lens #22
ANAF5X0002	5x A-Focal Lens
ANLE6X0130	6x Lens #161 with Adapter #130
ANLE8X0130	8x Lens #162 with Adapter #130
ANAMRF0003	ARFS3 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARFS5 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANHC000001	Hard Shipping/Storage Case #101

*Export regulations may apply, please see page 71.

PVS-7

Night Vision Goggles

The PVS-7 is the most widely recognized and dependable United States Military Night Vision goggle system available. The AN/ PVS-7B/ D system has proven itself in combat due to its rugged, ergonomic design.

The Armasight PVS-7 can be equipped with high-performance Gen 2+ and Gen 3 variants of image intensifier tubes, using either Green phosphor or Armasight's "Quick Silver" and "Ghost" image intensifier tubes, which provide users with natural B&W Night Vision image.

The PVS-7 is equipped with Automatic Brightness Control (ABC), which automatically adjusts the brightness of the image tube to achieve the highest quality image resolution under varying light conditions, as well as a built-in infrared illuminator that allows the user to operate in total darkness. The PVS-7 also has an excessive-light cut-off feature that protects the image tube from bright light sources, and a flip-up shut-off feature when used with the optional helmet mount assembly. The PVS-7 is equipped with two LED indicators: yellow for a low battery, and red to alert the operator that the IR illuminator is on. Both are displayed on the eyepiece screen. Lightweight, rugged, and versatile, the Armasight PVS-7 can be hand-held, mounted to headgear, and helmet-mounted. The dismounted goggle can also be used as an excellent long-range viewer with optional afocal magnifier lenses.

- Ⓐ **Compact, rugged design**
- Ⓐ **Waterproof**
- Ⓐ **Head or helmet-mountable for hands-free usage**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Auto-brightness control**
- Ⓐ **Bright light cut-off**
- Ⓐ **Built-in Infrared illuminators**
- Ⓐ **Limited Two-Year Warranty**

Magnification	1x
Lens system	26mm; F1.2
Field of view (°)	40
Dimensions (mm/in)	162x152x76 / 6.4x6.0x3.0
Weight (kg/lbs)	0.68 / 1.5

Part NO.	Name
PRODUCTS FOR US MARKET	
NAMPVS700123DS1	PVS-7 SD – Gen 2+ "Standard Definition" 45-51 lp/mm
NAMPVS700123DI1	PVS-7 ID – Gen 2+ "Improved Definition" 47-54 lp/mm
NAMPVS700123DH1	PVS-7 HD – Gen 2+ "High Definition" 55-72 lp/mm
NAMPVS7001Q3DI1	PVS-7 QS – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NAMPVS700133DB1	PVS-7 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NAMPVS700133DA1	PVS-7 3 Alpha – Gen 3 High Performance 64-72 lp/mm
NAMPVS7001G3DA1	PVS-7 Ghost – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NAMPVS7001P3DA1	PVS-7 3P – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
PRODUCTS FOR INTERNATIONAL MARKET*	
NAMPVS700133EA1	PVS-7 3E – Gen 3
NAMPVS700133NA1	PVS-7 3N – Gen 3 High Performance
ACCESSORIES	
ANHM000005	MICH Helmet Mount Assembly USA #107
ANHM000006	PASGT Helmet Mount Assembly USA #108
ANAF3X0003	3x A-Focal Mil-Spec Lens #99
ANAF5X0001	5x A-Focal Mil-Spec Lens #100
ANAF3X000P	3x A-Focal Lens #22 with Adapter #24/#25
ANAF5X000P	5x A-Focal Lens with Adapter #24/#25
ANAMRF0003	ARFS3 - Advanced Range Finding Stadia for 3x A-Focal Lens
ANAMRF0005	ARFS5 - Advanced Range Finding Stadia for 5x A-Focal Lens
ANKIXLR118	XLR-IR850 X-Long Range IR Illuminator w/ Adapter # 118, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANHCC00001	Hard Shipping/Storage Case #101

*Export regulations may apply, please see page 71.





N-15

Night Vision Goggles

The Armasight N-15 is a dual-channel Night Vision goggle system. The N-15 uses optics that are equal to or better than current Military Night Vision units, built into a tough, compact, and ergonomic composite housing. The Armasight N-15 can withstand saltwater, rain, high humidity, and temperature extremes, and still provide unsurpassed levels of performance.

For hands-free use, it can be worn on the included flip-up head mount or optional universal helmet mount, both of which have a built-in mechanism that will automatically turn the unit off when it is flipped up. The N-15 goggle is equipped with automatic brightness control, bright light shut-off circuitry, and a spot/flood built-in IR illuminator. The dismounted goggle can also be utilized as an excellent long-range viewer with an optional 3x afocal lens.

The Armasight N-15 utilizes two image intensifier tubes. This dual tube design provides increased depth perception and outstanding clarity. The Armasight N-15 can be equipped with high-performance Gen 2+ and Gen 3 IITs including Green phosphor, or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays.

The Armasight N-15 is a high-standard Night Vision device that will meet the requirements of the most demanding law enforcement officer, military professional, or casual civilian user.

- Ⓐ **Compact and lightweight, rugged design**
- Ⓐ **True stereoscopic vision**
- Ⓐ **Head or helmet-mountable for hands-free operation**
- Ⓐ **Built-in IR illuminator with flood lens**
- Ⓐ **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- Ⓐ **Limited Two-Year Warranty**



Magnification	1x
Lens system	27mm; F1.2
Field of view (°)	40
Dimensions (mm/in)	140x114x69 / 5.5x4.5x2.7
Weight (kg/lbs)	0.7 / 1.5

Part NO.	Name
PRODUCTS FOR US MARKET	
NSGN15000126DS1	N-15 SD – Gen 2+ "Standard Definition" 45-51 lp/mm
NSGN15000126DI1	N-15 ID – Gen 2+ "Improved Definition" 47-54 lp/mm
NSGN15000126DH1	N-15 HD – Gen 2+ "High Definition" 55-72 lp/mm
NSGN150001Q6DI1	N-15 QS – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NSGN15000136DB1	N-15 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSGN15000136DA1	N-15 3 Alpha – Gen 3 High Performance 64-72 lp/mm
NSGN150001G6DA1	N-15 Ghost – Gen 3 "Ghost" White Phosphor 47-57 lp/mm
NSGN150001P6DA1	N-15 3P – Gen 3 High Performance IIT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
NSGN150001F6DA1	N-15 FLAG – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm
PRODUCTS FOR INTERNATIONAL MARKET*	
NSGN15000126IS1	N15-SDi – Gen 2+ "Standard Definition"
NSGN15000126II1	N-15 IDi – Gen 2+ "Improved Definition"
NSGN15000126IH1	N-15 HDi – Gen 2+ "High Definition"
NSGN150001Q6II1	N-15 QSi – Gen 2+ "Quick Silver" White Phosphor
NSGN15000136EA1	N-15 3E – Gen 3
NSGN15000136NA1	N-15 3N – Gen 3 High Performance
NSGN150001G6EA1	N-15 Ghost E – Gen 3 "Ghost" White Phosphor
ACCESSORIES	
ANAF3X0N15	A-Focal 3x Lens Kit (includes 2 lenses)
ANHM000001	Helmet Mount #4 (MICH/PASGT)
ANHM000147	Mini Rail Adapter to Bayonet Mount
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

*Export regulations may apply, please see page 71.

DARK STRIDER

Night Vision Binoculars

With a framework, size, and weight very similar to typical daytime binoculars, the Armasight Dark Strider Gen 1 Night Vision 5X binoculars offer superb Night Vision performance. Binocular Night Vision is better for sustained viewing periods and improved depth perception. The Dark Strider is equipped with a pair of high-quality Gen 1 image tubes, multi-coated glass lenses, and armored, rubber-coated aluminum housing.

A built-in, focusable infrared illuminator ensures exceptional operation even in total darkness. Using the Dark Strider is easy, thanks to simple control buttons and eyepiece-only focusing optics.

Powerful, tough, and practical – that’s the Armasight Dark Strider!

- Ⓐ **Easy to operate**
- Ⓐ **Powerful 5X magnification**
- Ⓐ **Rubberized for extra protection**
- Ⓐ **High-resolution Gen 1+ image intensifier tube**
- Ⓐ **Multi-coated all-glass optics**
- Ⓐ **Built-in long-range infrared illuminator**
- Ⓐ **Water and fog-resistant**
- Ⓐ **Limited Two-Year Warranty**

Model	Dark Strider
Magnification	5x
Lens system	80mm; F/1.65
Field of view (°)	14
Dimensions (mm/in)	225×150×60 / 8.9×5.9×2.3
Weight (kg/lbs)	1.4 / 3

Part NO.	Name
PRODUCT FOR US AND INTERNATIONAL MARKETS	
NKBDASTRI511111	Dark Strider – Gen 1+
ACCESSORIES	
ANKIXLR023	XLR-IR850 X-Long Range IR Illuminator w/ Rech. Batt., and Charger. w/ IRDS Adapter #115
ANAF18XXLR	XLR-IR A-Focal Doubler





SPARK-B

Night Vision Binoculars

The Armasight Spark-B Night Vision binoculars include 4x magnification built around CORE (Ceramic Optical Ruggedized Engine) image intensifier tubes. Unlike Gen 1 Image intensifier tubes, which are fragile because they're made from glass, CORE™ IITs are made just like Gen 2 and Gen 3, by fusing metal alloys with ceramic compounds. CORE™ technology is based on durable elements and allows tight component stacking, resulting in image tubes that are exceptionally shockproof and vibration-resistant. Robust packaging protects easy-to-break protrusions common in Gen 1 tubes, and allows for a streamlined design that is lighter, more compact, and more reliable than typical Night Vision devices.

The CORE™ platform offers 'best in class' resolution with 60-70 lp/mm, and increased photocathode sensitivity levels of upwards of 400µA/lm, which provide image quality in challenging ambient light conditions that rivals high-end Gen 2 image tubes.

Armasight Spark-B binoculars are rugged and lightweight. Dual tube design provides increased depth perception and outstanding clarity. A built-in, focusable short-range IR illuminator allows the units to work well even in complete darkness, and an optional long-range infrared illuminator will dramatically boost the viewing range when you need it most.



- Ⓐ **High-resolution CORE image intensifier tube**
- Ⓐ **4x magnification**
- Ⓐ **Multi-coated all-glass optics**
- Ⓐ **Compact, rugged design**
- Ⓐ **Rubberized for extra protection**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Utilizes single CR123A lithium battery**
- Ⓐ **Built-in Infrared illuminator**
- Ⓐ **Water and fog-resistant**
- Ⓐ **Limited Two-Year Warranty**

Model	Spark-B
Magnification	4x
Lens system	80mm; F/1.65
Field of view (°)	14
Dimensions (mm/in)	220×147×63 / 8.7×5.8×2.5
Weight (kg/lbs)	1.33 / 2.93

Part NO.	Name
PRODUCT FOR US AND INTERNATIONAL MARKETS	
NSBSPARKB4CCIC1	Spark-B – "CORE" IIT, 60-70 lp/mm
ACCESSORIES	
ANKIXLR023	XLR-IR850 X-Long Range IR Illuminator w/ Rech. Batt., and Charger. w/ IRDS Adapter #115
ANAF18XXLR	XLR-IR A-Focal Doubler

EAGLE

Night Vision Binoculars

Armasight Eagle Night Vision binoculars are high-tech, tough, and durable. They deliver great performance, but at the lowest possible cost. Packed with features, the Eagle is a unit that is equally as appropriate for the hunter as it is for the professional security officer or law enforcement professional.

Despite its low cost, the Eagle features manual brightness control, bright light shut-off circuitry, and a built-in IR illuminator. The Armasight Eagle can be equipped with high-performance Green phosphor Gen 2+ IITs, or Armasight's Gen 2+ "Quick Silver", which provides users with natural B&W Night Vision displays.

The Armasight Eagle is a Night Vision workhorse that will satisfy the requirements and expectations of the most demanding professionals and casual Night Vision users.

- Ⓐ **3.5x magnification**
- Ⓐ **Redundant dual-tube design**
- Ⓐ **Auto-brightness control**
- Ⓐ **Bright light cut-off**
- Ⓐ **Ergonomic, simple, easy to operate controls**
- Ⓐ **Waterproof**
- Ⓐ **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- Ⓐ **Adaptable for use with cameras**
- Ⓐ **Built-in Infrared illuminator**
- Ⓐ **Time Tracker System available for measuring hours of operation (optional)**
- Ⓐ **Limited Two-Year Warranty**

Magnification	3.5x
Lens system	80mm; F/1.65
Field of view (°)	14
Dimensions (mm/in)	235x120x75 / 9.2x4.7x2.9
Weight (kg/lbs)	1.52 / 3.3

Part NO.	Name
PRODUCTS FOR US MARKET	
NSBEAGLE032GDS1	Eagle SD – Gen 2+ "Standard Definition" 45-51 lp/mm
NSBEAGLE032GDI1	Eagle ID – Gen 2+ "Improved Definition" 47-54 lp/mm
NSBEAGLE03QGDI1	Eagle QS – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
PRODUCTS FOR INTERNATIONAL MARKET*	
NSBEAGLE032GIS1	Eagle SDi – Gen 2+ "Standard Definition"
NSBEAGLE032GII1	Eagle IDi – Gen 2+ "Improved Definition"
NSBEAGLE03QGI1	Eagle QSi – Gen 2+ "Quick Silver" White Phosphor
ACCESSORIES	
ANKIXLR017	XLR-IR850 X-Long Range IR Illuminator w/ Transfer Piece #21, Rech. Batt., and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

*Export regulations may apply, please see page 71.





DISCOVERY

Night Vision Bi-Ocular

The Armasight Discovery is the ultimate long-range Night Vision observation device.

Providing enhanced performance and a highly ergonomic body, the Discovery enables users to view long distances comfortably for extended periods of time. The Discovery is the perfect tool for perimeter security, observing nature, and performing long-range surveillance.

Equipped with brand new, high-performance image intensifier tubes, our Discovery Binoculars can be hand-held or mounted onto a tripod. The Armasight Discovery can be equipped with high-performance Gen 2+ and Gen 3 IITs, including Green phosphor or Armasight's "Quick Silver" and "Ghost" IITs, which provide users with natural B&W Night Vision displays. The Armasight Discovery is equipped with Automatic Brightness Control (ABC), which automatically adjusts the brightness of the image tube to achieve the highest quality image resolution under varying light conditions.

Available in 5X and 8X models, the Discovery is fitted with a Detachable Extra-Long-Range Infrared Illuminator and advanced electronic protection circuits. With a rugged body that is both water and shock resistant, but still lightweight, the Armasight Discovery is the ideal choice for hunting, wildlife observation, law enforcement, and defense applications.



- Ⓐ **Rugged, lightweight and versatile design**
- Ⓐ **5x or 8x magnification**
- Ⓐ **Fast, multi-coated, all-glass optics**
- Ⓐ **Dual eye viewing system for comfortable, extended nighttime viewing sessions**
- Ⓐ **XLR-IR850 Detachable X-Long-Range Infrared Illuminator**
- Ⓐ **Water and fog-resistant**
- Ⓐ **Tripod-mountable**
- Ⓐ **Hand straps and neck strap for comfortable use**
- Ⓐ **Limited Two-Year Warranty**

Model	Discovery 5x	Discovery 8x
Magnification	5x	8x
Lens system	108mm; F/1.5	160mm; F/2.0
Field of view (°)	9.5	6.5
Dimensions (mm/in)	305x140x86 / 12.0x5.5x3.4	350x140x100 / 13.8x5.5x3.9
Weight (kg/lbs)	1.3 / 2.8	1.5 / 3.3



Part NO.	Name
PRODUCTS FOR US MARKET	
NSBDISCOV52GDS1	Discovery 5x SD – Gen 2+ “Standard Definition”
NSBDISCOV52GDI1	Discovery 5x ID – Gen 2+ “Improved Definition” 47-54 lp/mm
NSBDISCOV5QGD11	Discovery 5x QS – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm
NSBDISCOV523DH1	Discovery 5x HD – Gen 2+ “High Definition” 55-72 lp/mm
NSBDISCOV533DB1	Discovery 5x 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSBDISCOV533DA1	Discovery 5x 3 Alpha – Gen 3 High Performance 64-72 lp/mm
NSBDISCOV5P3DA1	Discovery 5x 3P – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
NSBDISCOV82GDS1	Discovery 8x SD – Gen 2+ “Standard Definition” 45-51 lp/mm
NSBDISCOV82GDI1	Discovery 8x ID – Gen 2+ “Improved Definition” 47-54 lp/mm
NSBDISCOV8QGD11	Discovery 8x QS – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm
NSBDISCOV823DH1	Discovery 8x HD – Gen 2+ “High Definition” 55-72 lp/mm
NSBDISCOV833DB1	Discovery 8x 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSBDISCOV833DA1	Discovery 8x 3 Alpha – Gen 3 High Performance 64-72 lp/mm
NSBDISCOV8P3DA1	Discovery 8x 3P – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
PRODUCTS FOR INTERNATIONAL MARKET*	
NSBDISCOV52GIS1	Discovery 5x SDi – Gen 2+ “Standard Definition”
NSBDISCOV52GII1	Discovery 5x IDi – Gen 2+ Improved Definition”
NSBDISCOV5QGI11	Discovery 5x QSi – Gen 2+ “Quick Silver” White Phosphor
NSBDISCOV523IH1	Discovery 5x HDi – Gen 2+ “High Definition”
NSBDISCOV533EA1	Discovery 5x 3E – Gen 3
NSBDISCOV533NA1	Discovery 5x 3N – Gen 3 High Performance
NSBDISCOV82GIS1	Discovery 8x SDi – Gen 2+ “Standard Definition”
NSBDISCOV82GII1	Discovery 8x IDi – Gen 2+ “Improved Definition”
NSBDISCOV82QGI11	Discovery 8x QSi – Gen 2+ “Quick Silver” White Phosphor
NSBDISCOV823IH1	Discovery 8x HDi – Gen 2+ “High Definition”
NSBDISCOV833EA1	Discovery 8x 3E – Gen 3
NSBDISCOV833NA1	Discovery 8x 3N – Gen 3 High Performance
ACCESSORIES	
ANAF18XXLR	XLR-IR A-Focal Doubler
ANAMTM0003	Tripod with a Grip
ANHC000001	Hard Shipping/Storage Case #101
ANHC000004	Hard Shipping/Storage Case #102 (for Discovery 8X)

*Export regulations may apply, please see page 71.





ORION WWZ

Night Vision Weapon Sights

Our line of Armasight Gen 1 Night Vision riflescopes is a collection of high-performance, mid-range Night Vision weapon sights that provide excellent observational, target acquisition, and aiming capabilities for the most demanding sports shooters, hunters, and security personnel.

Armasight Night Vision sights are arguably the most dependable, highest-performing weapon sights you can find in the Gen 1+ category. We have housed our top class optics and image intensifier tubes within ruggedly designed aluminum bodies.

Armasight Orion riflescopes are equipped with armored, rubber-coated housing. For improved accuracy and ergonomics, all Orion series scopes feature precision top wheel focus.

Our riflescopes are the best solution for any tactical shooter or hunter seeking to improve the accuracy of their shooting in dark environments.

- Ⓐ **4x or 5x magnification**
- Ⓐ **Shock-protected optics**
- Ⓐ **Illuminated red cross reticle**
- Ⓐ **Simple, easy to operate controls and adjustments**
- Ⓐ **Water-resistant design**
- Ⓐ **Rubberized body (Orion only)**
- Ⓐ **Ability to mount to standard Weaver rails**
- Ⓐ **Variable reticle brightness**
- Ⓐ **Detachable, long-range infrared illuminator**
- Ⓐ **Limited Two-Year Warranty**



Model	ORION 5x	WWZ
Magnification	5x	4x
Lens system	108mm; F/1.6	90mm; F/1.4
Field of view (°)	10	12
Dimensions (mm/in)	323×104×118 / 12.7×4.1×4.6	323×98×115 / 12.7×3.8×4.5
Weight (kg/lbs)	1.7 / 3.7	1.45 / 3.2

Part NO.	Name
PRODUCTS FOR US AND INTERNATIONAL MARKETS	
NWWORION0511111	ORION 5X – Gen 1+
NWWWZ000411111	WWZ – Gen 1+
ACCESSORIES	
IAIR850IR000003	XLR-IR850 X-Long Range IR Illuminator, Rechargeable Battery, and Charger
ANAF18XXLR	XLR-IR A-Focal Doublor
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)

VAMPIRE

Night Vision Weapon Sight

The Armasight Vampire is built using our new, proprietary CORE (Ceramic Optical Ruggedized Engine) image tube, which includes double the resolution of Gen 1 devices. This provides flatter, clearer Night Vision images. The CORE™ platform offers 'best in class' resolution with 60-70 lp/mm, and increased photocathode sensitivity levels of upwards of 400µA/lm, providing image quality that rivals that of high-end Gen 2 image tubes, even in challenging ambient light conditions.

The body of the unit is made from solid aluminum, and is O-ring sealed and rubber coated for further protection. Like all Armasight scopes, the Vampire is nitrogen-treated and comes complete with batteries, a soft carrying case, a user manual, and all necessary hardware for solid mounting to a standard 7/8" Picatinny or Weaver-style rail.

The Vampire has multicoated all-glass lenses and a manually adjustable fine reticle that makes precise shot placement incredibly easy. This Night Vision riflescope is also water, dust, and sand-proof for increased reliability. Complete with tactical rails for lasers or illuminators (the high-power IR illuminator is included standard), the Armasight Vampire is ideal for the game hunter, tactical marksmen, or anyone looking for a compact, sturdy, lightweight Night Vision riflescope.



- Ⓐ **CORE Technology**
- Ⓐ **Shock protected, all-glass IR transmission multicoated optics**
- Ⓐ **Illuminated reticle with brightness adjustment**
- Ⓐ **XLR-IR850 Detachable Long-Range Infrared Illuminator**
- Ⓐ **Low battery indicator**
- Ⓐ **Quick-Release mount**
- Ⓐ **Mounts to standard Weaver rails**
- Ⓐ **Water and fog-resistant**
- Ⓐ **Limited Two-Year Warranty**

Magnification	3x
Lens system	108mm; F/1.5
Field of view (°)	10.5
Dimensions (mm/in)	275x87x95 / 10.8x3.4x3.7
Weight (kg/lbs)	1.36 / 3

Part NO.	Name
PRODUCTS FOR US AND INTERNATIONAL MARKETS	
NMWVAMPIR3CCIC1	Vampire 3x - "CORE" IIT, 60-70 lp/mm
ACCESSORIES	
ANAF18XXLR	XLR-IR A-Focal Doubler
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)





VULCAN

Night Vision Weapon Sight

Armasight Vulcan scopes represent the apex of Night Vision weapon sight technology. They include image intensifier options featuring Gen 2+ White phosphor Quick Silver, Gen 3 white phosphor Ghost, and mil-spec Gen 3 Pinnacle. Our new optical design sets the industry standard, and these devices are significantly more compact than before.

The Vulcan comes with a host of features, including wireless remote control, the ability to use either a CR123A or AA battery, and a quick-release Picatinny mount with locks. The Vulcan can be secured to an adjustable mount that fits Weaver or Picatinny rails, and can be mounted in seconds without tools.

The Vulcan has multicoated all-glass lenses, and an internally adjustable fine reticle that makes precise shot placement incredibly easy. This Night Vision riflescope is also water, dust, and sand-proof for increased reliability. Complete with tactical rails for lasers or illuminators (the high power IR illuminator is included as standard), the Armasight Vulcan is ideal for the dedicated game hunter, tactical marksmen, or anyone that needs a compact, lightweight Night Vision riflescope.

The Vulcan is a night vision weapon sight that provides excellent target acquisition and aiming capabilities for the demanding sports shooter, game hunter, military, law enforcement, or security personnel.



- Ⓐ **Wide array of lenses and IIT configurations**
- Ⓐ **Shock protected, all-glass IR transmission multicoated optics**
- Ⓐ **Bright light cut-off system**
- Ⓐ **Illuminated reticle with brightness adjustment**
- Ⓐ **Variable gain control**
- Ⓐ **Wireless remote control included**
- Ⓐ **Detachable long-range infrared illuminator**
- Ⓐ **Waterproof design**
- Ⓐ **Powered by a single CR123A Lithium or AA battery**
- Ⓐ **Low battery indicator**
- Ⓐ **Quick-Release mount**
- Ⓐ **Mounts to standard Weaver rails**
- Ⓐ **Limited Two-Year Warranty**

Model	VULCAN 4.5x	VULCAN 6x	VULCAN 8x
Magnification	4.5x	6x	8x
Lens System	108mm; F/1.54	145mm; F/1.8	192mm; F/2.13
Field of view (°)	9	7	5.4
Dimensions (mm/in)	204x97x91 / 8.0x3.8x3.6	238x104x95 / 9.4x4.1x3.7	310x108x103 / 12.2x4.2x4.1
Weight (kg/lbs)	1.08 / 2.4	1.19 / 2.6	1.43 / 3.1

Part NO.	Name
PRODUCTS FOR US MARKET	
NRWVULCAN429DS1	Vulcan 4.5x SD MG – Gen 2+ “Standard Definition” 45-51 lp/mm, Manual Gain
NRWVULCAN429DI1	Vulcan 4.5x ID MG – Gen 2+ “Improved Definition” 47-54 lp/mm, Manual Gain
NRWVULCAN429DH1	Vulcan 4.5x HD MG – Gen 2+ “High Definition” 55-72 lp/mm, Manual Gain
NRWVULCAN4Q9DI1	Vulcan 4.5x QS MG – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm, Manual Gain
NRWVULCAN439DB1	Vulcan 4.5x 3 Bravo MG – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NRWVULCAN439DA1	Vulcan 4.5x 3 Alpha MG – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NRWVULCAN4G9DA1	Vulcan 4.5x Ghost MG – Gen 3 “Ghost” White Phosphor 47-57 lp/mm, Manual Gain
NRWVULCAN4P9DA1	Vulcan 4.5x 3P MG – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NRWVULCAN4F9DA1	Vulcan 4.5x FLAG MG – “FLAG” Filmless Auto-Gated IIT (comparable to Gen 4) , Manual Gain
NRWVULCAN629DS1	Vulcan 6x SD MG – Gen 2+ “Standard Definition” 45-51 lp/mm, Manual Gain
NRWVULCAN629DI1	Vulcan 6x ID MG – Gen 2+ “Improved Definition” 47-54 lp/mm, Manual Gain
NRWVULCAN629DH1	Vulcan 6x HD MG – Gen 2+ “High Definition” 55-72 lp/mm, Manual Gain
NRWVULCAN6Q9DI1	Vulcan 6x QS MG – Gen 2+ “Quick Silver” White Phosphor 55-72 lp/mm, Manual Gain
NRWVULCAN639DB1	Vulcan 6x 3 Bravo MG – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NRWVULCAN639DA1	Vulcan 6x 3 Alpha MG – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NRWVULCAN6G9DA1	Vulcan 6x Ghost MG – Gen 3 “Ghost” White Phosphor 47-57 lp/mm, Manual Gain
NRWVULCAN6P9DA1	Vulcan 6x 3P MG – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NRWVULCAN6F9DA1	Vulcan 6x FLAG MG – “FLAG” Filmless Auto-Gated IIT (comparable to Gen 4) , Manual Gain
NRWVULCAN829DS1	Vulcan 8x SD MG – Gen 2+ “Standard Definition” 45-51 lp/mm, Manual Gain
NRWVULCAN829DI1	Vulcan 8x ID MG – Gen 2+ “Improved Definition” 47-54 lp/mm, Manual Gain
NRWVULCAN829DH1	Vulcan 8x HD MG – Gen 2+ “High Definition” 55-72 lp/mm, Manual Gain
NRWVULCAN8Q9DH1	Vulcan 8x QS MG – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm, Manual Gain
NRWVULCAN839DB1	Vulcan 8x 3 Bravo MG – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NRWVULCAN839DA1	Vulcan 8x 3 Alpha MG – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NRWVULCAN8G9DA1	Vulcan 8x Ghost MG – Gen 3 “Ghost” White Phosphor 47-57 lp/mm, Manual Gain
NRWVULCAN8P9DA1	Vulcan 8x 3P MG – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NRWVULCAN8F9DA1	Vulcan 8x FLAG MG – “FLAG” Filmless Auto-Gated IIT (comparable to Gen 4) , Manual Gain
PRODUCTS FOR INTERNATIONAL MARKET*	
NRWVULCAN429IS1	Vulcan 4.5x SDi MG – Gen 2+ “Standard Definition”, Manual Gain
NRWVULCAN429II1	Vulcan 4.5x IDi MG – Gen 2+ “Improved Definition”, Manual Gain
NRWVULCAN429IH1	Vulcan 4.5x HDi MG – Gen 2+ “High Definition”, Manual Gain
NRWVULCAN4Q9II1	Vulcan 4.5x QSi MG – Gen 2+ “Quick Silver” White Phosphor, Manual Gain
NRWVULCAN4G9EA1	Vulcan 4.5x Ghost E MG – Gen 3 “Ghost” White Phosphor FOM 1400, Manual Gain
NRWVULCAN439EA1	Vulcan 4.5x 3E MG – Gen 3, Manual Gain
NRWVULCAN439NA1	Vulcan 4.5x 3N MG – Gen 3 High Performance, Manual Gain
NRWVULCAN629IS1	Vulcan 6x SDi MG – Gen 2+ “Standard Definition”, Manual Gain
NRWVULCAN629II1	Vulcan 6x IDi MG – Gen 2+ “Improved Definition”, Manual Gain
NRWVULCAN629IH1	Vulcan 6x HDi MG – Gen 2+ “High Definition”, Manual Gain
NRWVULCAN6Q9II1	Vulcan 6x QSi MG – Gen 2+ “Quick Silver” White Phosphor, Manual Gain
NRWVULCAN6G9EA1	Vulcan 6x Ghost E MG – Gen 3 “Ghost” White Phosphor FOM 1400, Manual Gain
NRWVULCAN639EA1	Vulcan 6x 3E MG – Gen 3, Manual Gain
NRWVULCAN639NA1	Vulcan 6x 3N MG – Gen 3 High Performance, Manual Gain
NRWVULCAN829IS1	Vulcan 8x SDi MG – Gen 2+ “Standard Definition”, Manual Gain
NRWVULCAN829II1	Vulcan 8x IDi MG – Gen 2+ “Improved Definition”, Manual Gain
NRWVULCAN829IH1	Vulcan 8x HDi MG – Gen 2+ “High Definition”, Manual Gain
NRWVULCAN8Q9II1	Vulcan 8x QSi MG – Gen 2+ “Quick Silver” White Phosphor, Manual Gain
NRWVULCAN8G9EA1	Vulcan 8x Ghost E MG – Gen 3 “Ghost” White Phosphor FOM 1400, Manual Gain
NRWVULCAN839EA1	Vulcan 8x 3E MG – Gen 3, Manual Gain
NRWVULCAN839NA1	Vulcan 8x 3N MG – Gen 3 High Performance, Manual Gain
ACCESSORIES	
IAIR850IR000003	XLR-IR850 X-Long Range IR Illuminator, Rechargeable Battery, and Charger
ANAF18XXLR	XLR-IR A-Focal Doubler
ANAM000045	Extended Rail Adapter #85
ANHCO00001	Hard Shipping/Storage Case #101
ANHCO00004	Hard Shipping/Storage Case #102 (for Vulcan 8X)

*Export regulations may apply, please see page 71.





NEMESIS

Night Vision Weapon Sight

The Armasight Nemesis is the perfect solution for missions where the shooter requires additional distance between themselves and their target. Featuring a high-quality image intensifier tube, easy to use internal windage and elevation adjustments, and simple push button controls, the Armasight Nemesis will allow you to see beyond the expected in nighttime conditions. The Armasight Nemesis can be equipped with high-performance Green phosphor Gen 2+ IITs, or Armasight's Gen 2 "Quick Silver", which provides users with natural B&W Night Vision displays.

The adjustable illuminated reticle is unique; no other Night Vision riflescope on the market has such well-defined (yet extremely thin) crosshairs that allow for this level of precise shot placement, even on exceptionally small targets. The Nemesis is fitted with a Picatinny/ Weaver mount that allows for highly accurate rail positioning, ensuring user comfort; three accessory mounting rails allow easy mounting of our included long-range IR illuminator and/or other compatible accessories. The Nemesis is water resistant, robust, lightweight, and engineered from aircraft aluminum.

- Ⓐ **Shock-protected, all-glass IR transmission multicoated optics**
- Ⓐ **Bright source protection, Automatic Brightness Control (ABC)**
- Ⓐ **Illuminated, center red cross reticle for optimal contrast**
- Ⓐ **Controls and adjustments are simple and easy to operate**
- Ⓐ **Mounts to standard Weaver rails**
- Ⓐ **Variable reticle brightness**
- Ⓐ **XLR-IR850 Detachable X-Long Range Infrared Illuminator**
- Ⓐ **Limited Two-Year Warranty**

Model	Nemesis 4x	Nemesis 6x
Magnification	4x	6x
Lens System	108 mm; F/1.5	160 mm; F/2.0
Field of view (°)	10	6.5
Dimensions (mm/in)	305x102x71 / 12x4x2.8	388x102x71 / 15.3x4x2.8
Weight (kg/lbs)	1.2 / 2.7	1.9 / 4.2

Part NO.	Name
PRODUCTS FOR US MARKET	
NRWNEMESI42GDS1	Nemesis 4x SD – Gen 2+ "Standard Definition" 45-51 lp/mm
NRWNEMESI42GDI1	Nemesis 4x ID – Gen 2+ "Improved Definition" 47-54 lp/mm
NRWNEMESI4QGD11	Nemesis 4x QS – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
NRWNEMESI62GDS1	Nemesis 6x SD – Gen 2+ "Standard Definition" 45-51 lp/mm
NRWNEMESI62GDI1	Nemesis 6x ID – Gen 2+ "Improved Definition" 47-54 lp/mm
NRWNEMESI6QGD11	Nemesis 6x QS – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm
PRODUCTS FOR INTERNATIONAL MARKET*	
NRWNEMESI42GIS1	Nemesis 4x SDi – Gen 2+ "Standard Definition"
NRWNEMESI42GI11	Nemesis 4x IDi – Gen 2+ "Improved Definition"
NRWNEMESI4QGI11	Nemesis 4x QSi – Gen 2+ "Quick Silver" White Phosphor
NRWNEMESI62GIS1	Nemesis 6x SDi – Gen 2+ "Standard Definition"
NRWNEMESI62GI11	Nemesis 6x IDi – Gen 2+ "Improved Definition"
NRWNEMESI6QGI11	Nemesis 6x QSi – Gen 2+ "Quick Silver" White Phosphor
ACCESSORIES	
ANAF18XXLR	XLR-IR A-Focal Doubler
ANAM000045	Extended Rail Adapter #85
ANHC000004	Hard Shipping/ Storage Case #102 (F200)

*Export regulations may apply, please see page 71.

CO-MINI

Night Vision Clip-On System

Designed for short-to-medium range observation, the Armasight CO-Mini is the most compact commercially available Clip-On Night Vision Device. The CO-Mini uses image intensification technology and is designed to convert most low-to-mid power daytime sights, scopes, or binoculars into Night Vision devices. The CO-Mini can be mounted in seconds without tools. It can be attached in front of a day riflescope (using its quick-release Picatinny mount) or directly onto the day scope objective lens with the included adaptor.

The CO-Mini is suitable for use with most commercial and military specification daytime sights, telescopes, or binoculars (up to 6X magnification). Because the CO-Mini can be easily mounted in front of the user's existing day scope, comfort is never sacrificed, while shot release and follow-through remain accurate. It really is as simple as mount and shoot!

The Armasight CO-Mini is intended primarily for use by demanding hunters and in short-range warfare, where field of view and ease of use is more important than high magnification. Packed with innovative and important features like variable gain control, automatic bright light shut-off, and wireless remote control, the Armasight CO-Mini is designed to make quick, intuitive shooting just as easy at night as it is during the day.

The Armasight CO-Mini can be equipped with high-performance Gen 2+ and Gen 3 variants image intensifier tubes using Green phosphor or Armasight's "Quick Silver" and "Ghost" image intensifier tubes, which provide users with natural B&W Night Vision image.

- Ⓐ **Simple and quick conversion of daytime scope, sight or binoculars to Night Vision**
- Ⓐ **Mounts in front of riflescope with no re-zeroing required**
- Ⓐ **Equipped with Wireless Remote Control**
- Ⓐ **Variable Gain Control**
- Ⓐ **XLR-IR850 Detachable X-Long Range Infrared Illuminator**
- Ⓐ **Powered by a single alkaline 1.5V AA or 3V CR123A lithium battery**
- Ⓐ **Quick-Release Mount**
- Ⓐ **Mil Standard Compliant**
- Ⓐ **Limited Two-Year Warranty**



Magnification	1x (recommended to use with up to 6x day time optics)
Lens System	38mm; F/1.25
Field of view (°)	22
Dimensions (mm/in)	125x68x55 / 4.9x2.7x2.2
Weight (kg/lbs)	0.48 / 1.06

Part NO.	Name
PRODUCTS FOR US MARKET	
NSCCOMINI129DI1	CO-Mini ID MG – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSCCOMINI129DH1	CO-Mini HD MG – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NSCCOMINI1Q9DI1	CO-Mini QS MG – Gen 2+ "Quick Silver" White Phosphor 55-72 lp/mm, Manual Gain
NSCCOMINI139DB1	CO-Mini 3 Bravo MG – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NSCCOMINI139DA1	CO-Mini Ghost MG – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSCCOMINI1G9DA1	CO-Mini 3 Alpha MG – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NSCCOMINI1P9DA1	CO-Mini 3P MG – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
NSCCOMINI1F9DA1	CO-Mini FLAG MG – "FLAG" Filmless Auto-Gated IIT (comparable to Gen 4) 64-72 lp/mm, Manual Gain
PRODUCTS FOR INTERNATIONAL MARKET*	
NSCCOMINI129I1	CO-Mini IDi MG – Gen 2+ "Improved Definition", Manual Gain
NSCCOMINI129IH1	CO-Mini HDi MG – Gen 2+ "High Definition", Manual Gain
NSCCOMINI1Q9I1	CO-Mini QSi MG – Gen 2+ "Quick Silver" White Phosphor, Manual Gain
NSCCOMINI1G9EA1	CO-Mini Ghost E MG – Gen 3 "Ghost" White Phosphor, Manual Gain
NSCCOMINI139EA1	CO-Mini 3E MG – Gen 3, Manual Gain
NSCCOMINI139NA1	CO-Mini 3N MG – Gen 3 High Performance, Manual Gain

ACCESSORIES SEE ON PAGE 38

*Export regulations may apply, please see page 71.



CO-MR

Night Vision Clip-On System

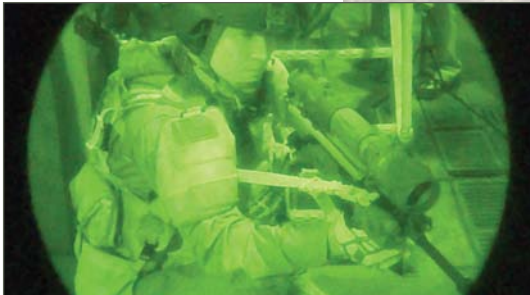
The Armasight CO-MR (Clip-On Medium Range) is one of the most advanced Night Vision clip-on systems for mid-range night shooting, and stands out from the competition when it comes to clarity, versatility, reliability, function, and value.

The Armasight CO-MR converts your existing day scope into a Night Vision device and provides excellent target acquisition and aiming capabilities for the demanding sports shooter, hunter, military, law enforcement, and security personnel. Engineered using the latest advancements in Night Vision technology, the Armasight CO-MR eliminates the traditional requirement of removing your existing day scope from your rifle to replace it with a dedicated Night Vision sight (which would also involve re-zeroing). The CO-MR simply mounts in front of your existing day scope.

Because the CO-MR is factory bore-sighted to tolerances of less than 1 MOA, no re-zeroing is required. The CO-MR allows the user to maintain consistent positioning and shooting accuracy, all while maintaining the use of a fully familiar day scope.

A wireless remote control unit can be placed anywhere on the user's weapon, allowing quick and easy activation of the CO-MR.

Recommended for use with day scopes of up to 6-7X magnification, the Armasight CO-MR is equipped with a locking, quick-disconnect mounting system that provides the user with a simple and fast way to attach or detach the CO-MR on any standard Weaver or Picatinny rail.



- Ⓐ **Simple and quick conversion of daytime scopes to Night Vision**
- Ⓐ **Mounts in front of any daytime scope, no re-zeroing required**
- Ⓐ **Equipped with wireless remote control**
- Ⓐ **Powered by a single alkaline 1.5V AA or 3V CR123A lithium battery**
- Ⓐ **XLR-IR850 Detachable X-Long Range Infrared Illuminator**
- Ⓐ **Quick-Release mount**
- Ⓐ **Mil standard compliant**
- Ⓐ **Limited Two-Year Warranty**

Magnification	1x (recommended to use with up to 6x-7x day time optics)
Lens system	80mm; F/1.65
Field of view (°)	13
Dimensions (mm/in)	180x80x80 / 7.1x3.2x3.2
Weight (kg/lbs)	0.69 / 1.5

Part NO.	Name
PRODUCTS FOR US MARKET	
NSCCOMR0012MDS1	CO-MR SD MG – Gen 2+ “Standard Definition” 45-51 lp/mm, Manual Gain
NSCCOMR0012MDI1	CO-MR ID MG – Gen 2+ “Improved Definition” 47-54 lp/mm, Manual Gain
NSCCOMR001QMDI1	CO-MR QS MG – Gen 2+ “Quick Silver” White Phosphor 47-54 lp/mm, Manual Gain
NSCCOMR00123DH1	CO-MR HD – Gen 2+ “High Definition” 55-72 lp/mm
NSCCOMR00133DB1	CO-MR 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSCCOMR00133DA1	CO-MR 3 Alpha – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSCCOMR001P3DA1	CO-MR 3P – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
PRODUCTS FOR INTERNATIONAL MARKET*	
NSCCOMR0012MIS1	CO-MR SDi MG – Gen 2+ “Standard Definition”, Manual Gain
NSCCOMR0012MI1	CO-MR IDi MG – Gen 2+ “Improved Definition”, Manual Gain
NSCCOMR001QMII1	CO-MR QSi MG – Gen 2+ “Quick Silver” White Phosphor, Manual Gain
NSCCOMR00123IH1	CO-MR HDi – Gen 2+ “High Definition”
NSCCOMR00137EA1	CO-MR 3E MG – Gen 3, Manual Gain
NSCCOMR00137NA1	CO-MR 3N MG – Gen 3 High Performance, Manual Gain
ACCESSORIES SEE ON PAGE 38	

*Export regulations may apply, please see page 71.

CO-X

Night Vision Clip-On System

The Armasight CO-X is one of the most advanced Night Vision Clip-On systems for mid-range night shooting on the market today, and truly stands out from the competition when it comes to clarity, versatility, reliability, function, and value.

The Armasight CO-X converts your existing day scope into a Night Vision device, providing excellent target acquisition and aiming capabilities for the demanding sports shooter, hunter, military professional, or law enforcement and security personnel. The CO-X simply mounts in front of your existing day scope, with no re-zeroing required.

Recommended for use with day scopes of up to 6X magnification, the Armasight CO-X is equipped with a wireless remote control unit and a locking, quick-disconnect mounting system, which provides the user with a simple, fast way to attach or detach the CO-X on any standard Weaver or Picatinny rail.

The CO-X Night Vision Clip-On System can be equipped with high-performance Gen 2+ and Gen 3 variants image intensifier tubes, using the standard Green phosphor, or Armasight's "Quick Silver" and "Ghost" options, which provide users with natural B&W images.

- Ⓐ **Simple, quick conversion of daytime scope to Night Vision device**
- Ⓐ **Mounts in front of any daytime scope, no re-zeroing required**
- Ⓐ **Fast Catadioptric Front Lens System**
- Ⓐ **Bright Light Cut-off System**
- Ⓐ **Manual variable gain control (MG models only)**
- Ⓐ **XLR-IR850 Detachable X-Long Range Infrared Illuminator**
- Ⓐ **Quick-Release Mount**
- Ⓐ **Equipped with Wireless Remote Control**
- Ⓐ **Powered by a single alkaline 1.5V AA or 3V CR123A lithium battery**
- Ⓐ **Low Battery Indicator**
- Ⓐ **Bright Light Indicator**
- Ⓐ **Limited Two-Year Warranty**



Magnification	1x
Lens System	80 mm; F/1.44
Field of view (°)	13
Dimensions (mm/in)	144x100x85 / 5.7x3.9x3.3
Weight (kg/lbs)	0.76 / 1.67

Part NO.	Name
PRODUCTS FOR US MARKET	
NSCCOX00012MDS1	CO-X SD MG – Gen 2+ "Standard Definition" 45-51 lp/mm, Manual Gain
NSCCOX00012MDI1	CO-X ID MG – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSCCOX0001QMDI1	CO-X QS MG – Gen 2+ "Quick Silver" White Phosphor 47-54 lp/mm, Manual Gain
NSCCOX000123DH1	CO-X HD – Gen 2+ "High Definition" 55-72 lp/mm
NSCCOX000133DB1	CO-X 3 Bravo – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSCCOX000133DA1	CO-X 3 Alpha – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical)
NSCCOX0001P3DA1	CO-X 3P – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT
PRODUCTS FOR INTERNATIONAL MARKET*	
NSCCOX00012MIS1	CO-X SDi MG – Gen 2+ "Standard Definition", Manual Gain
NSCCOX00012MI1	CO-X IDi MG – Gen 2+ "Improved Definition", Manual Gain
NSCCOX0001QMII1	CO-X QSi MG – Gen 2+ "Quick Silver" White Phosphor, Manual Gain
NSCCOX000123IH1	CO-X HDi MG – Gen 2+ "High Definition", Manual Gain
NSCCOX0001GGEA1	CO-X Ghost E MG – Gen 3 "Ghost" White Phosphor, Manual Gain
NSCCOX000137EA1	CO-X 3E MG – Gen 3, Manual Gain
NSCCOX000137NA1	CO-X 3N MG – Gen 3 High Performance, Manual Gain
ACCESSORIES SEE ON PAGE 38	

*Export regulations may apply, please see page 71.



CO-LR

Night Vision Clip-On System

The Armasight CO-LR (Clip On - Long Range) is a night vision unit that mounts in front of any existing day scope, converting the scope into a night vision-capable device with a viewing range of up to 1000 yards. Suitable for use with most commercial and military specification daytime scopes (up to 12X magnification), the CO-LR can be mounted/dismounted on any standard Picatinny rail in seconds, with no special tools required. Because the CO-LR can be mounted to an existing day scope, no re-zeroing is required. The CO-LR allows the user to maintain consistent positioning and shooting accuracy, all while using a completely familiar day scope.

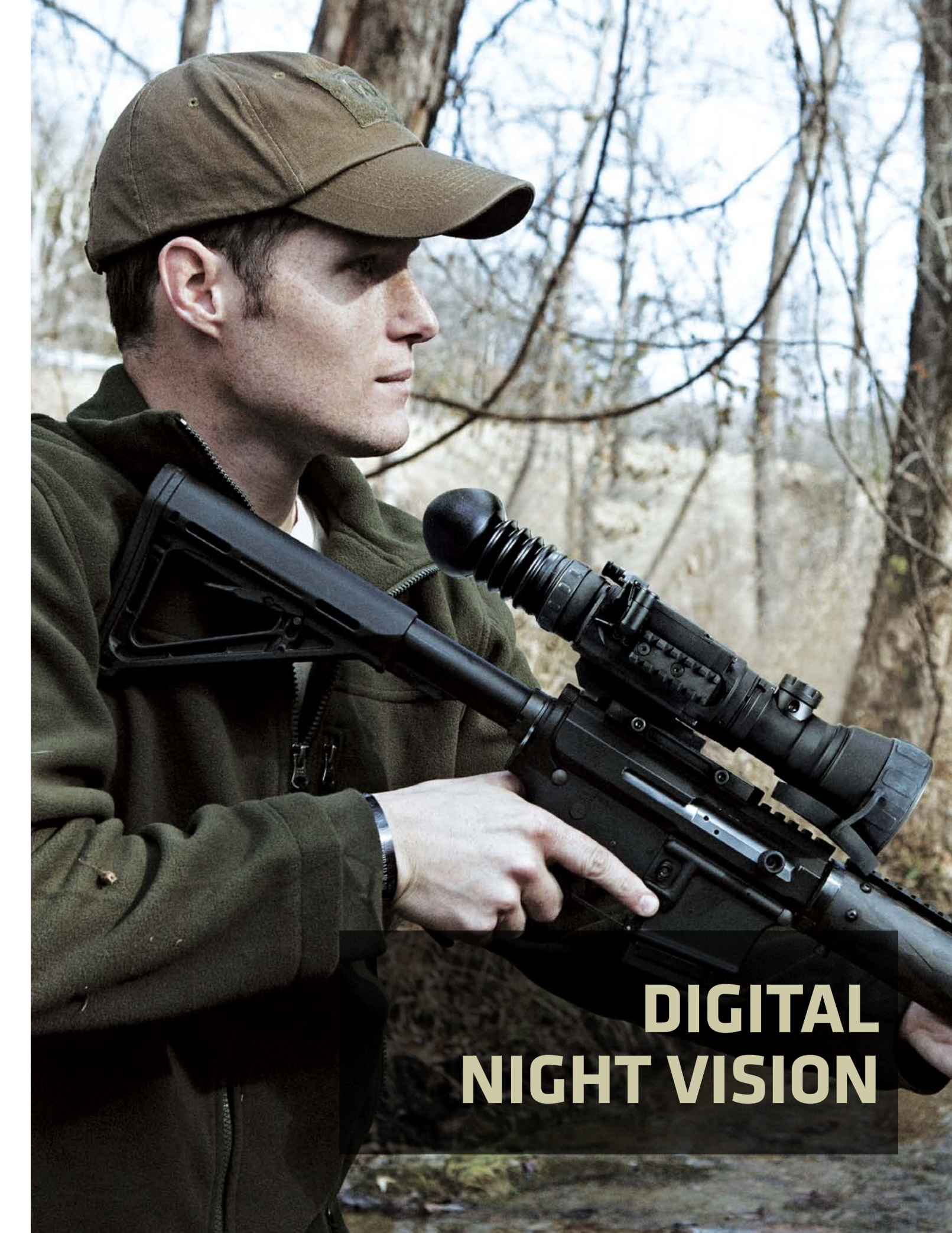
The Armasight CO-LR is intended primarily for use by the most demanding hunter or long-range target shooter, but with a build quality that makes it capable of much more. The MIL-STD-810 housing is designed to take just about anything the great outdoors can throw at it. The CO-LR is packed with innovative features like variable gain control, bright light shut-off, and a wireless remote control. This night vision clip-on is designed to make long-range night shooting just as easy and accurate as daytime shooting in the same terrain.

- Ⓐ **Simple and quick conversion of a day scope to Night Vision Device**
- Ⓐ **Mounts in front of riflescope with no re-zeroing required**
- Ⓐ **Equipped with wireless remote control**
- Ⓐ **Variable gain control**
- Ⓐ **Powered by a single alkaline 1.5V AA or 3V CR123A lithium battery**
- Ⓐ **Low battery indicator**
- Ⓐ **Quick-release mount**
- Ⓐ **Bright light cut-off system**
- Ⓐ **MIL standard compliant**
- Ⓐ **Limited two-year warranty**

Magnification	1x (recommended to use with 3x - 12x daytime optics)
Lens System	108 mm; F/1.54
Field of view (°)	9
Dimensions (mm/in)	235x97x80 / 9.25x3.8x3.14
Weight (kg/lbs)	0.91 / 2

Part NO.	Name
PRODUCTS FOR US MARKET	
NSCCOLR00129DI1	CO-LR ID MG – Gen 2+ "Improved Definition" 47-54 lp/mm, Manual Gain
NSCCOLR00129DH1	CO-LR HD MG – Gen 2+ "High Definition" 55-72 lp/mm, Manual Gain
NSCCOLR001Q9DI1	CO-LR QS MG – Gen 2+ "Quick Silver" White Phosphor 55-72 lp/mm, Manual Gain
NSCCOLR00139DB1	CO-LR 3 Bravo MG – Gen 3, 57 lp/mm (min) - 64 lp/mm (typical), Manual Gain
NSCCOLR00139DA1	CO-LR 3 Alpha MG – Gen 3 High Performance 64-72 lp/mm, Manual Gain
NSCCOLR001G9DA1	CO-LR Ghost MG – Gen 3 "Ghost" White Phosphor 47-57 lp/mm, Manual Gain
NSCCOLR001P9DA1	CO-LR 3P MG – Gen 3 High Performance ITT 64-72 lp/mm PINNACLE® Thin-Filmed Auto-Gated IIT, Manual Gain
PRODUCTS FOR INTERNATIONAL MARKET*	
NSCCOLR00129I11	CO-LR IDi MG – Gen 2+ "Improved Definition"
NSCCOLR00129IH1	CO-LR HDi MG – Gen 2+ "High Definition", Manual Gain
NSCCOLR001Q9IH1	CO-LR QSi MG – Gen 2+ "Quick Silver" White Phosphor, Manual Gain
NSCCOLR001G9EA1	CO-LR Ghost E MG – Gen 3 "Ghost" White Phosphor, Manual Gain
NSCCOLR00139EA1	CO-LR 3E MG – Gen 3, Manual Gain
NSCCOLR00139NA1	CO-LR 3N MG – Gen 3 High Performance, Manual Gain
ACCESSORIES FOR CO-MINI, CO-MR, CO-X, CO-LR	
ANAM000009	Mounting System #1 for Day-Time Optics with 25.4-30 mm Objective Diameter
ANAM000010	Mounting System #2 for Day-Time Optics with 38-42 mm Objective Diameter
ANAM000011	Mounting System #3 for Day-Time Optics with 46.7-50 mm Objective Diameter
ANAM000012	Mounting System #4 for Day-Time Optics with 56-58.7 mm Objective Diameter
ANAM000013	Mounting System #6 for Day-Time Optics with 62 mm Objective Diameter
ANLE3X0008	3x Magnifier with Adapter # 54 for CO-Mini/CO-MR
ANAM000031	Weaver Type Mount #60
ANAM000045	Extended Rail Adapter #85
ANAF18XXLR	XLR-IR A-Focal Doubler
ANHC000004	Hard Shipping/ Storage Case #102 (F200)
ANAM000021	FSRS (Front Scope Rail System) #38 for CO-LR
ANHC000001	Hard Shipping/Storage Case #101 for CO-LR

*Export regulations may apply, please see page 71.



**DIGITAL
NIGHT VISION**


NEW
2016

JANUS 10x JANUS 15X

Digital Night Vision Bi-Oculars

If you need professional grade Digital Night Vision bi-ocular for law enforcement use, bird watching, hunting, security, nature observation, or water sports, look no further – the Armasight Janus has arrived. The Janus is a professional Digital Night Vision Bi-Ocular with optical 10x or 15x magnification.

Sensitive to both near-infrared and visible light, the high performance CCD imaging system of the Janus provides round-the-clock observation. The Janus is effective regardless of light conditions – in daylight, natural lighting, and at nighttime.

Key features include: wireless remote control, detachable wide-angle adjustable long-range illuminator, and an optional Digital Recorder with SD card. The Janus is equipped with a standard NTSC/PAL video input/ output function that makes it possible to connect to an external video monitor, or to record images for field documentation or training purposes. The device uses the same multi-pin connector to connect the optional digital video recorder and external power access.

Whether you want to use it for camping, hunting, law enforcement, boating, or security, the Armasight Janus will help you look out into the night, revealing a whole new world previously hidden by darkness.



- Ⓐ **High-performance CCD camera**
- Ⓐ **Bright-light tolerance**
- Ⓐ **Auto-switching of color modes at a certain level of light**
- Ⓐ **Lightweight and robust design**
- Ⓐ **Rapid start-up**
- Ⓐ **Easy to operate**
- Ⓐ **Manually adjustable eyepiece and objective lens**
- Ⓐ **Real-time display**
- Ⓐ **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- Ⓐ **Wireless remote control**
- Ⓐ **Analog video input (NTSC/PAL) and output (PAL)**
- Ⓐ **Digital video recorder with SD card (optional)**
- Ⓐ **Up to 3 hours of operation on two lithium batteries**
- Ⓐ **External power supply (optional)**
- Ⓐ **Filled with dry nitrogen to prevent internal fogging**
- Ⓐ **Water resistant**
- Ⓐ **Limited Two-Year Warranty**

Model	Janus 10x	Janus 15x
Sensor Type	High-rate High Resolution Near-IR Hypersensitive CCD	
Magnification	10x	15x
Lens System	108mm, F/1.54	145mm, F/1.8
Field of view (°)	2.6x2	2 x 1,5
Dimensions (mm/in)	316x100x76 / 12.4x3.9x3.0	344x102x91 / 13.5x4.0x3.6
Weight (kg/lbs)	1.04 / 2.29	1.25 / 2.76

Part NO.	Name
DABJANBBX10PAL1	Janus 10X - High Performance 10x Digital Night Vision Binocular Resolution 752x582
DABJANBBX15PAL1	Janus 15X - High Performance 15x Digital Night Vision Binocular Resolution 752x582
ACCESSORIES	
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder for High Performance Digital Devices
ANAF18XXLR	XLR-IR A-Focal Doubler - Doubles the distance of XLR-IR850 IR beam
ATAM000004	DVR - Digital Recorder for all Armasight High Performance Digital Devices
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANAMTM0003	Tripod with a Grip
ANHCO00001	Hard Shipping/Storage Case #101 (for Janus 10X)
ANHCO00004	Hard Shipping/Storage Case #102 (for Janus 15X)

DRONE PRO 10x DRONE PRO 15x

NEW
2016

Digital Night Vision Riflescopes

The Drone Pro professional Digital Night Vision Rifle Scope is one of the most advanced scopes in its class. Sensitive to both near-infrared and visible light, the high performance CCD imaging system of the Drone PRO provides round-the-clock and all weather target detection and discrimination. The Drone PRO is effective regardless of light conditions – in daylight, natural lighting, and at nighttime. Drone Pro scope is an ideal product for professional and amateur use, such as for hunting, security, sports shooting, and nighttime observation.

Key features include: wireless remote control, detachable wide angle adjustable long-range illuminator, and a quick-release Picatinny mount with locks. The Drone PRO is equipped with a standard NTSC/PAL video input/ output function that makes it possible to connect to an external video monitor, or to record images for field documentation or training purposes. The device uses the same multi-pin connector to connect the optional digital video recorder and external power access.

To accommodate individual user needs, the Drone PRO has a variety of digitally controlled options, including customizable display brightness, reticle pattern, and reticle color.

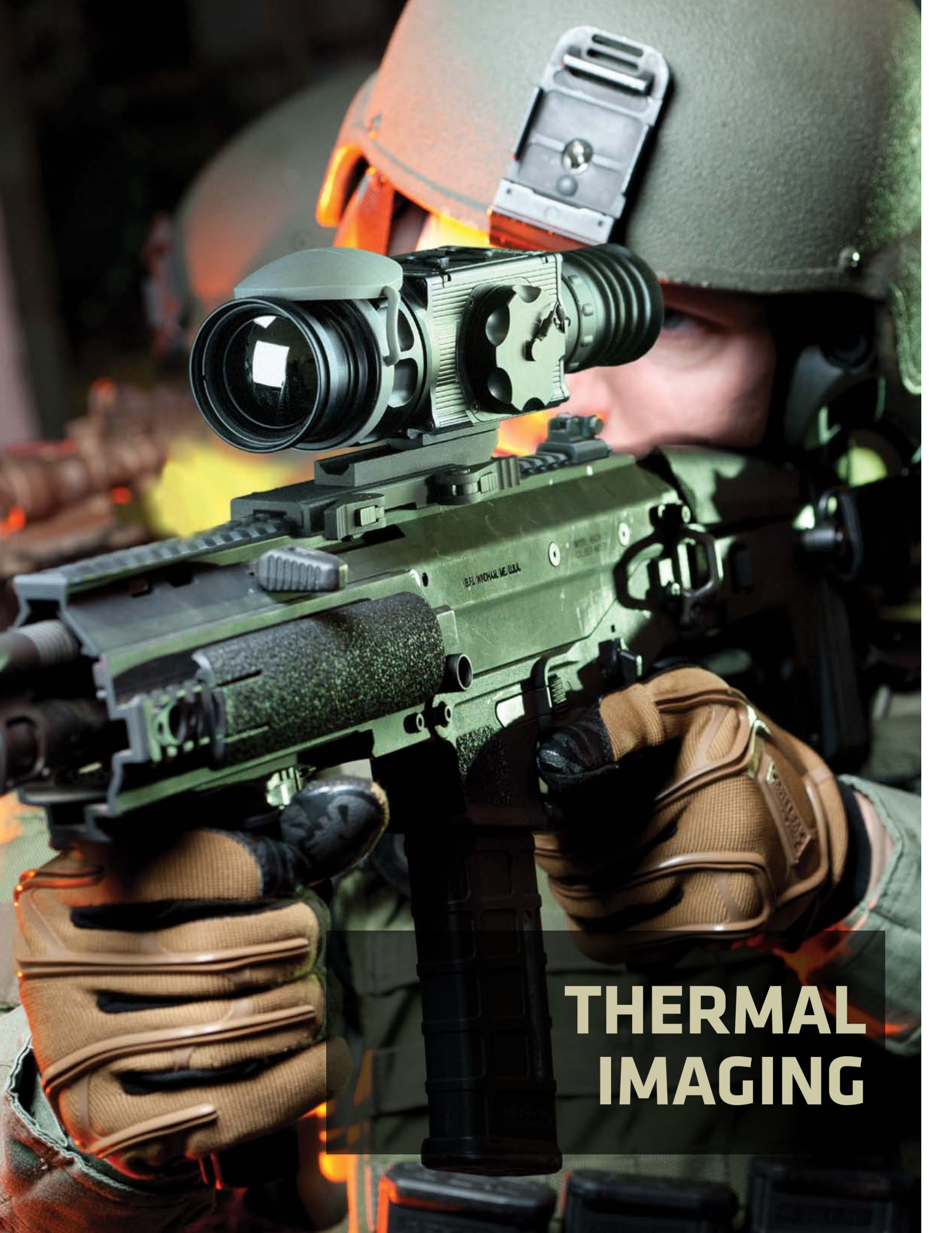
The quick-release mount of the Drone PRO fits any Picatinny, MIL-STD-1913, or Weaver weapon rail. The mount's lever-cam clamping device ensures easy, quick, and reliable mounting and removal.

- Ⓐ **High-performance CCD camera**
- Ⓐ **Bright-light tolerance**
- Ⓐ **Lightweight and robust design**
- Ⓐ **XLR-IR850 Detachable X Long-Range Infrared Illuminator**
- Ⓐ **Rapid start-up**
- Ⓐ **Manually adjustable eyepiece and objective lens**
- Ⓐ **Real-time display**
- Ⓐ **Current operational state information display**
- Ⓐ **Wireless remote control**
- Ⓐ **Analog video input (NTSC/PAL) and output (PAL)**
- Ⓐ **Digital video recorder (optional)**
- Ⓐ **Up to 3 hours of operation on two lithium batteries**
- Ⓐ **External power supply (optional)**
- Ⓐ **Filled with dry nitrogen to prevent internal fogging**
- Ⓐ **Water resistant**
- Ⓐ **Limited Two-Year Warranty**



Model	Drone Pro 10x	Drone Pro 15x
Sensor Type	High-rate High Resolution Near-IR Hypersensitive CCD	
Magnification	10x	15x
Lens System	108mm, F/1.54	145mm, F/1.8
Field of view (°)	2.6x2	2 x 1,5
Dimensions (mm/in)	260x85x76 / 10.2x3.4x3.0	290x91x107 / 11.4x3.6x4.2
Weight (kg/lbs)	1.02 / 2.2	1.3 / 2.87

Part NO.	Name
DARDROPBB10PAL1	Drone Pro 10X - High Performance 10x Digital Night Vision Rifle Scope
DARDROPBB15PAL1	Drone Pro 15X - High Performance 15x Digital Night Vision Rifle Scope
ACCESSORIES	
IALA00AMRF22001	AMRF2200 - Advance Modular Range Finder for High Performance Digital Devices
ANAF18XXLR	XLR-IR A-Focal Doubler - Doubles the distance of XLR-IR850 IR beam
ATAM000004	DVR - Digital Recorder for all Armasight High Performance Digital Devices
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANAM000045	Extended Rail Adapter #85
ANHC000001	Hard Shipping/Storage Case #101 (for Drone Pro 10X)
ANHC000004	Hard Shipping/Storage Case #102 (for Drone Pro 15X)



THERMAL IMAGING

PROMETHEUS

Thermal Imaging Monocular

Armasight Prometheus is the latest and most technologically advanced thermal imaging monocular to enter the sporting, law enforcement, and military markets. The Prometheus product line is based on the latest FLIR Tau 2 VOx microbolometer core, and is available in a variety of models – each optimizing performance, price, and state-of-the-art technology for myriad uses and mission applications.

The Prometheus is a solid state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and night engagements.

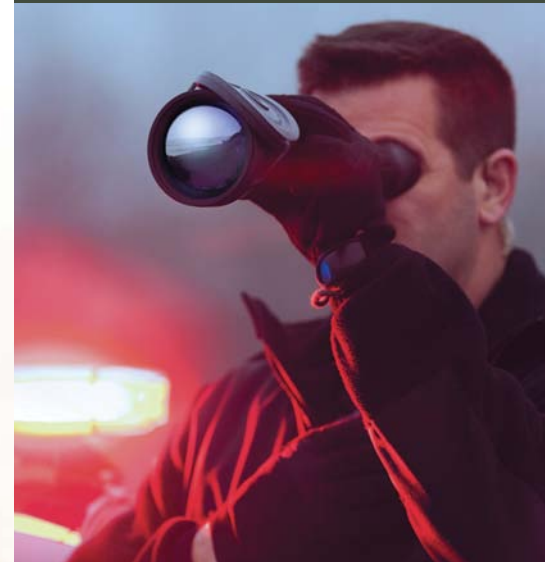
The 24/7 mission capability is only one of the strengths of Prometheus. The thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants. Unlike the use of laser targeting or near-infrared illumination to augment Night Vision equipment, the Prometheus thermal imager is extremely difficult to detect with other devices, as it emits no visible light or RF energy.

- Ⓐ **Objective Germanium Lens**
- Ⓐ **Tau-2 17µm Pitch Thermal Sensor**
- Ⓐ **Easy and intuitive drop-down user interface**
- Ⓐ **Digital E-Zoom: 1x, 2x, 4x, and 8x**
- Ⓐ **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color Modes**
- Ⓐ **Special User-Adjustable Imaging Tools**
- Ⓐ **Extended Operation Time with Optional External Battery Power Supply**
- Ⓐ **Recording: Video Output/ Optional Video Recorder with onboard replay**
- Ⓐ **Wireless remote control**
- Ⓐ **Rugged, CNC machined aircraft-aluminum alloy construction**
- Ⓐ **Rapid start-up**
- Ⓐ **Made in the USA**

Model	Prometheus 336 2-8x25	Prometheus 336 3-12x42	Prometheus 640 1-8x25	Prometheus 640 2-16x42
Magnification	2x - 8x	3x - 12x	1x - 8x	2x - 16x
Lens System	25mm; F/1.0	42mm; F/1.0	25mm; F/1.0	42mm; F/1.0
Dimensions (mm/in)	180x68x62 / 7.1x2.7x2.4	194x68x62 / 7.6x2.7x2.4	180x68x62 / 7.1x2.7x2.4	194x68x62 / 7.6x2.7x2.4
Weight (kg/lbs)	0.48 / 1.1	0.55 / 1.2	0.48 / 1.1	0.55 / 1.2

Part NO.	Name
PRODUCTS FOR US MARKET	
TAT173MN2PROM21	Prometheus 336 2-8x25 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 25mm Lens
TAT176MN2PROM21	Prometheus 336 2-8x25 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 25mm Lens
TAT173MN4PROM31	Prometheus 336 3-12x42 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT176MN4PROM31	Prometheus 336 3-12x42 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT163MN2PROM11	Prometheus 640 1-8x25 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 25mm Lens
TAT163MN4PROM21	Prometheus 640 2-16x42 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 42mm Lens
TAT166MN4PROM21	Prometheus 640 2-16x42 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 42mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT179MN2PROM21	Prometheus 336 2-8x25 (9 Hz) FLIR Tau 2 - 336x256 (17µm), 25mm Lens
TAT173MN2PROM21	Prometheus 336 2-8x25 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 25mm Lens
TAT176MN2PROM21	Prometheus 336 2-8x25 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 25mm Lens
TAT179MN4PROM31	Prometheus 336 3-12x42 (9 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT173MN4PROM31	Prometheus 336 3-12x42 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT176MN4PROM31	Prometheus 336 3-12x42 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT163MN2PROM11	Prometheus 640 1-8x25 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 25mm Lens
TAT163MN4PROM21	Prometheus 640 2-16x42 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 42mm Lens
ACCESSORIES	
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ANAMTM0003	Tripod with a Grip
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANH000001	Hard Shipping/ Storage Case #101 (F100)

*Export regulations may apply, please see page 71.



Thermal Imaging Monocular

The Armasight Prometheus HD is a family of Thermal Imaging monoculars with professional 75mm and 100mm Germanium (Ge) High Definition objective lenses. The Prometheus product line is based on the latest FLIR Tau 2 VOx microbolometer core technology, and includes several different models, each optimizing performance, price, and state-of-the-art capabilities for a variety of uses and missions. The Prometheus HD is a solid-state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and nighttime missions.

The Prometheus HD Thermal Imaging monoculars are characterized by their simple but intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. The Prometheus has the ability to record imagery and is equipped with video-out capabilities.

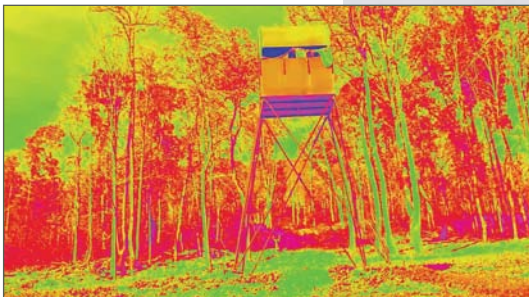
The Prometheus HD Thermal Imaging monocular represents one of the most sophisticated devices for long-range observation on the market today, due to its superior price-to-performance value.

- Ⓐ **75mm and 100mm Objective Germanium Lens Options**
- Ⓐ **Easy and intuitive drop-down user interface**
- Ⓐ **Digital E-Zoom: 1x, 2x, 4x, and 8x**
- Ⓐ **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color Modes**
- Ⓐ **Special User-Adjustable Imaging Tools**
- Ⓐ **Extended Operation Time with Optional External Battery Power Supply**
- Ⓐ **Recording: Video Output/ Optional Video Recorder with onboard replay**
- Ⓐ **Wireless remote control**
- Ⓐ **Rugged, CNC machined aircraft-aluminum alloy construction**
- Ⓐ **Rapid start-up**
- Ⓐ **Made in the USA**

Model	Prometheus 336 HD 5-20x75	Prometheus 336 HD 8-32x100	Prometheus 640 HD 3-24x75	Prometheus 640 HD 4-32x100
Magnification	5x - 20x	8x - 32x	3x - 24x	4x - 32x
Lens System	75mm; F/1.0	100mm; F/1.0	75mm; F/1.0	100mm; F/1.0
Dimensions (mm/in)	220x89x89 / 8.6x3.5x3.5	239x116x116 / 9.4x4.6x4.6	220x89x89 / 8.6x3.5x3.5	239x116x116 / 9.4x4.6x4.6
Weight (kg/lbs)	0.86 / 1.9	1.1 / 2.4	0.86 / 1.9	1.1 / 2.4

Part NO.	Name
PRODUCTS FOR US MARKET	
TAT173MN7H DPR51	Prometheus 336 HD 5-20x75 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT176MN7H DPR51	Prometheus 336 HD 5-20x75 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT173MN1H DPR81	Prometheus 336 HD 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176MN1H DPR81	Prometheus 336 HD 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163MN7H DPR31	Prometheus 640 HD 3-24x75 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 75mm Lens
TAT166MN7H DPR31	Prometheus 640 HD 3-24x75 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 75mm Lens
TAT163MN1H DPR41	Prometheus 640 HD 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
TAT166MN1H DPR41	Prometheus 640 HD 4-32x100 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT179MN7H DPR51	Prometheus 336 HD 5-20x75 (9 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT173MN7H DPR51	Prometheus 336 HD 5-20x75 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT176MN7H DPR51	Prometheus 336 HD 5-20x75 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT179MN1H DPR81	Prometheus 336 HD 8-32x100 (9 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT173MN1H DPR81	Prometheus 336 HD 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176MN1H DPR81	Prometheus 336 HD 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163MN7H DPR31	Prometheus 640 HD 3-24x75 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 75mm Lens
TAT163MN1H DPR41	Prometheus 640 HD 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
ACCESSORIES	
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ANAMTM0003	Tripod with a Grip
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANHCO00001	Hard Shipping/ Storage Case #101 (F100)

*Export regulations may apply, please see page 71.



PROMETHEUS PRO NEW 2016

Thermal Imaging Monocular

The Prometheus Pro is a high-performance, handheld thermal monocular. The Prometheus Pro can withstand immersion in water up to 20 meters and absorb even the most brutal environmental shocks. The Prometheus Pro features the most advanced system available on the market today, including options like an electronic compass and inclinometer.

Utilizing the latest FLIR Tau-2 technology, the Prometheus Pro is offered in 336x256 or 640x512 pixel formats. These options are further enhanced by professional, military-grade 50mm or 100mm Germanium (Ge) objective lenses, creating a wide variety of optical magnifications and range performance capabilities that the customer can select from. Armasight has introduced a unique dual battery option for the Prometheus Pro that consists of either four 3.0VDC 123A batteries or four 1.5VDC AA batteries pre-loaded in a cartridge.

- Ⓐ **24/7 Operation in presence of environmental obscurants (smoke, dust, haze, and fog)**
- Ⓐ **Rugged MIL-STD-810 compliant performance**
- Ⓐ **Waterproof**
- Ⓐ **Operates on 123A or AA batteries**
- Ⓐ **Tau-2 17µm Pitch Thermal Sensor**
- Ⓐ **SVGA 800x600 OLED Display**
- Ⓐ **Digital Compass and Digital Inclinometer**
- Ⓐ **Selectable Palettes: White Hot, Black Hot, Sepia, Fusion, Rainbow, and Rain**
- Ⓐ **Special User-Adjustable Imaging Tools**
- Ⓐ **Wireless 5-button Remote**
- Ⓐ **Digital e-Zoom: 2x/ 4x/ 8x (640x512 only)**
- Ⓐ **Still Picture and Video Recording Capability (Mounted DVR Option)**
- Ⓐ **Made in the USA**



Model	Prometheus PRO 336 4-16x50	Prometheus PRO 336 8-32x100	Prometheus PRO 640 2-16x50	Prometheus PRO 640 4-32x100
Magnification	4x - 16x	8x - 32x	2x - 16x	4x - 32x
Lens System	50mm; F/1.4	100mm; F/1.4	50mm; F/1.4	100mm; F/1.4
Dimensions (mm/in)	197x76x76 / 7.5x3.0x3.0	265x90x100 / 10.4x3.5x3.9	197x76x76 / 7.5x3.0x3.0	265x90x100 / 10.4x3.5x3.9
Weight (kg/lbs)	0.8 / 1.8	1.15 / 2.54	0.8 / 1.8	1.15 / 2.54

Part NO.	Name
PRODUCTS FOR US MARKET	
TAT173MN5PPRO41	Prometheus Pro 336 4-16x50 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT176MN5PPRO41	Prometheus Pro 336 4-16x50 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT173MN1PPRO81	Prometheus Pro 336 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176MN1PPRO81	Prometheus Pro 336 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163MN5PPRO21	Prometheus Pro 640 2-16x50 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT166MN5PPRO21	Prometheus Pro 640 2-16x50 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT163MN1PPRO41	Prometheus Pro 640 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
TAT166MN1PPRO41	Prometheus Pro 640 4-32x100 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT173MN5PPRO41	Prometheus Pro 336 4-16x50 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT176MN5PPRO41	Prometheus Pro 336 4-16x50 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT173MN1PPRO81	Prometheus Pro 336 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176MN1PPRO81	Prometheus Pro 336 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163MN5PPRO21	Prometheus Pro 640 2-16x50 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT163MN1PPRO41	Prometheus Pro 640 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
ACCESSORIES	
IALA00AMRF22001	AMRF2200 - Advanced Modular Range Finder
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ATAM000008	Extended Battery Pack
ANHC000001	Hard Shipping/Storage Case #101
ANHC000004	Hard Shipping/Storage Case #102 (for Prometheus Pro 100mm)

*Export regulations may apply, please see page 71.

Multifunctional Thermal Imaging Mini Monocular



Armasight is proud to introduce the Q14 Long-wave Infrared Multifunctional Thermal Imaging Monocular (LIMTIM) representing the latest evolution in our never-ceasing quest to reduce size, weight, and power (SWaP) while maximizing the number of available features and functions. The LIMTIM's remarkably compact size ensures that it can be concealed in a shirt pocket, and its featherweight mass at 240g (with battery) makes it the lightest, fully multi-functional thermal imager currently on the market. The LIMTIM has a wide range of features incorporated into the unit that put it at the forefront of all other miniature thermal imagers in its class. It can be equipped with either a visible or near-IR laser pointer, intended for handing off targets of interest to non-thermal equipped assets in the field. It has two integral rail mounts so that it is not necessary to disengage the head/ helmet mount interface in order to mount the unit on a weapon as a stand-alone short-range weapon sight. The mini-rail design allows for mounting on a wide variety of in-service head mounts, helmet mounts, reflex cameras, digital video recorders, and a MIL-STD-1913 weapon rail systems using the optional quick-release interfaces. The mini-rails are non-invasive, making handheld operation comfortable and ergonomically optimized for the operator's hands, whether or not they're wearing NOMEX gloves. Equipped with digital compass and inclinometer, the Q14 LIMTIM offers the operator the tools necessary to interpolate accurate distance to target and target orientation.

An additional Armasight proprietary hyper-image processing (HIP) code provides the LIMTIM with a robust library of software features to tailor the image to the optimum standards required by the operator. These features include direct button functions such as display brightness, palette selection, electronic zoom, and manual, non-uniformity correction (NUC) using a simple, intuitive three-button keypad. Menu driven features incorporate desirable operator-specific adjustments such as palette selection, reticule selection and color, weapon boresight, scene-related imaging corrections, stored rifle caliber profiles, format selection, compass calibration sequence, and a "factory settings" default option. The wireless remote capability and Bluetooth® features prevent the Q14 LIMTIM from becoming obsolete, even as new applications and software reach the market. The nine-pin connector on the Q14 reveals the dynamic nature of this mite-sized powerhouse. Through the multi-pin connector, the operator can record video using the Armasight Digital Video Recorder (DVR), augment the battery life by attaching to external battery options, inject target range data from an externally mounted Armasight laser rangefinder and update/ upload new software revision and applications from personal accounts associated with the Armasight customer access web sites.

The Q14 is designed to meet all the established environmental requirements of MIL-STD-810G.



- Ⓐ **Weight 230 g**
- Ⓐ **MIL-STD-810G rugged, glass fiber reinforced construction**
- Ⓐ **FLIR Quark 2 VOx Microbolometer in 640 and 336 options**
- Ⓐ **Fast F1:1.25 front Germanium Lens**
- Ⓐ **800x600 Organic LED Display**
- Ⓐ **Drop-down menu and icon based menu**
- Ⓐ **Simple, intuitive 3-button control**
- Ⓐ **Polarity Control (black hot/ white hot)**
- Ⓐ **Color & Monochrome Palettes**
- Ⓐ **Digital Zoom up to 8x**
- Ⓐ **Special User-Adjustable Imaging Tools:**
 - **Active Contrast Enhancement (ACE) – "CONTRAST"**
 - **Second Generation Digital Detail Enhancement (DDE) – "SHARPNESS"**
 - **Smart Scene Optimization (SSO) – "SMART SCENE"**
 - **Linear Automatic Gain Control – "LINEAR AGC"**
 - **Information-Based Histogram Equalization (IBHEQ) – "SKY/SEA"**
 - **User-Controlled Manual Non-Uniformity Correction/ Flat-Field Correction**
 - **Silent Shutterless NUC™ (SSN)**
- Ⓐ **Integrated Digital Compass and Digital Inclinometer**
- Ⓐ **Integrated Laser Pointer**
- Ⓐ **NTSC/PAL field switchable video output**
- Ⓐ **Easy adaptability to wide selection of head, helmet, and weapon mounts with QuickRail/ Dove Tail/ Bayonet interfaces (i.e. Armasight, Wilcox, Norotos, Cadex)**
- Ⓐ **Fast Time to Image (< 3 sec)**
- Ⓐ **One CR123A Lithium battery or one 16650 rechargeable battery operation**
- Ⓐ **Made in the USA**

Q14 STANDARD KIT INCLUDES:

- Armasight Q14 thermal imaging monocular
- Battery Adapter for 16650 Rechargeable Battery
- 16650 Rechargeable Battery
- Charger for 16650 Rechargeable Battery
- Advanced Wireless 5-button Remote with Picatinny Adapter
- Video Cable
- Operator Manual
- Lens Tissue
- Carry Case

Model	Q14 336	Q14 640
Magnification	Unity (1x)	Unity (1x)
Lens System	13 mm; F/1.25	19 mm; F/1.25
Dimensions (mm/in)	100x63x40 / 3.94x2.48x1.57	100x63x40 / 3.94x2.48x1.57
Weight (kg/lbs)	0.23 / 0.52	0.23 / 0.52

Part NO.	Name
PRODUCTS FOR US MARKET	
TAQ173WN6Q14001	Q14 TIM 336 (30Hz) FLIR Quark 2 - 336x256 (17µm)
TAQ176WN6Q14001	Q14 TIM 336 (60Hz) FLIR Quark 2 - 336x256 (17µm)
TAQ173WL6Q14001	Q14 TIM 336 VL (30Hz) w/ Visible Class II Red Laser Pointer, FLIR Quark 2 - 336x256 (17µm)
TAQ176WL6Q14001	Q14 TIM 336 VL (60Hz) w/ Visible Class II Red Laser Pointer, FLIR Quark 2 - 336x256 (17µm)
TAQ173WI6Q14001	Q14 TIM 336 IRL (30Hz) w/ Near-Infrared (IR) Class I Laser Pointer, FLIR Quark 2 - 336x256 (17µm)
TAQ176WI6Q14001	Q14 TIM 336 IRL (60Hz) w/ Near-Infrared (IR) Class I Laser Pointer, FLIR Quark 2 - 336x256 (17µm)
TAQ163WN9Q14001	Q14 TIM 640 (30Hz) FLIR Quark 2 - 640x512 (17µm)
TAQ166WN9Q14001	Q14 TIM 640 (60Hz) FLIR Quark 2 - 640x512 (17µm)
TAQ163WL9Q14001	Q14 TIM 640 VL (30Hz) w/ Visible Class II Red Laser Pointer, FLIR Quark 2 - 640x512 (17µm)
TAQ166WL9Q14001	Q14 TIM 640 VL (60Hz) w/ Visible Class II Red Laser Pointer, FLIR Quark 2 - 640x512 (17µm)
TAQ163WI9Q14001	Q14 TIM 640 IRL (30Hz) w/ Near-Infrared (IR) Class I Laser Pointer, FLIR Quark 2 - 640x512 (17µm)
TAQ166WI9Q14001	Q14 TIM 640 IRL (60Hz) w/ Near-Infrared (IR) Class I Laser Pointer, FLIR Quark 2 - 640x512 (17µm)
PRODUCTS FOR INTERNATIONAL MARKET*	
TAQ173WN6Q14001	Q14 TIM 336 (30Hz) FLIR Quark 2 - 336x256 (17µm)
TAQ176WN6Q14001	Q14 TIM 336 (60Hz) FLIR Quark 2 - 336x256 (17µm)
TAQ173WL6Q14001	Q14 TIM 336 VL (30Hz) w/ Visible Class II Red Laser Pointer, FLIR Quark 2 - 336x256 (17µm)
TAQ176WL6Q14001	Q14 TIM 336 VL (60Hz) w/ Visible Class II Red Laser Pointer, FLIR Quark 2 - 336x256 (17µm)
TAQ173WI6Q14001	Q14 TIM 336 IRL (30Hz) w/ Near-Infrared (IR) Class I Laser Pointer, FLIR Quark 2 - 336x256 (17µm)
TAQ176WI6Q14001	Q14 TIM 336 IRL (60Hz) w/ Near-Infrared (IR) Class I Laser Pointer, FLIR Quark 2 - 336x256 (17µm)
TAQ163WN9Q14001	Q14 TIM 640 (30Hz) FLIR Quark 2 - 640x512 (17µm)
TAQ163WL9Q14001	Q14 TIM 640 VL (30Hz) w/ Visible Class II Red Laser Pointer, FLIR Quark 2 - 640x512 (17µm)
TAQ163WI9Q14001	Q14 TIM 640 IRL (30Hz) w/ Near-Infrared (IR) Class I Laser Pointer, FLIR Quark 2 - 640x512 (17µm)
ACCESSORIES	
ANHG000004	Goggle Kit #2
ANHM000001	Helmet Mount #4
ANHM000007	MICH Helmet Mount Assembly USA #107 w/ Adapter/Swing Arm #37
ANHM000008	PASGT Helmet Mount Assembly USA #108 w/ Adapter/Swing Arm #37
ANHG000002	Swing Arm #37
ANHM000172	Swing Arm #172
ANHGWX0G70	Tactical Goggle Kit: Wilcox L4 G24 and 3 Hole Shroud, Crye Precision Nightcap, and Swing Arm #172
ANHMWX0G05	Dual Bridge
ATAF2X0001	2x A-Focal Lens for Q14
IALA00AMRF22001	AMRF2200 - Advanced Modular Range Finder for LRF Clip-On systems
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ATAM000008	Extended Battery Pack
ANHC000001	Hard Shipping/Storage Case #101

*Export regulations may apply, please see page 71.



PROMETHEUS MINI

Thermal Imaging Monocular



Armasight is proud to introduce the Prometheus Mini Long-wave Infrared Thermal Imaging Monocular, representing the latest evolution in our never-ceasing quest to reduce size and weight, while maximizing power, available features, and functionality. The Prometheus Mini's remarkably compact size ensures that it can be concealed in a shirt pocket, and its featherweight mass of 230g makes it the lightest thermal imager currently on the market. Equipped with a digital compass and inclinometer, the Prometheus Mini offers the operator the tools necessary to accurately determine distance-to-target and target orientation.

Additionally, Armasight's proprietary hyper-image processing (HIP) code provides the Prometheus Mini with a robust library of software features to tailor images to the operator's required optimum standards. The wireless remote and Bluetooth® capabilities prevent the Prometheus Mini from becoming obsolete, even as new applications and software hit the market. The Prometheus Mini is designed to meet all the established environmental requirements of MIL-STD-810G. The Prometheus Mini demonstrates its operational flexibility for all mission applications.



- Ⓐ **FLIR Quark 2 17-micron pixel Uncooled VOx Microbolometer**
- Ⓐ **Fast F1:1.25 13mm front Germanium Lens**
- Ⓐ **800x600 Organic LED Display**
- Ⓐ **2X/ 4X Zoom with 336x284**
- Ⓐ **Special User-Adjustable Imaging Tools:**
 - **Active Contrast Enhancement (ACE) - "CONTRAST"**
 - **Second Generation Digital Detail Enhancement (DDE) - "SHARPNESS"**
 - **Smart Scene Optimization (SSO) - "SMART SCENE"**
 - **Linear Automatic Gain Control - "LINEAR AGC"**
 - **Information-Based Histogram Equalization (IBHEQ) - "SKY/SEA"**
 - **User-Controlled Manual Non-Uniformity Correction/ Flat-Field Correction (UCMNUC/ FFC)**
 - **Silent Shutterless NUC™ (SSN)**
- Ⓐ **Fast Time to Image (< 3 sec)**
- Ⓐ **Drop-down menu and icon based menu**
- Ⓐ **Simple, intuitive 3-button control**
- Ⓐ **NTSC/ PAL field switchable video output**
- Ⓐ **Integrated Digital Compass**
- Ⓐ **Integrated Digital Inclinometer**
- Ⓐ **One CR123A battery operation**
- Ⓐ **Weight 230g**
- Ⓐ **MIL-STD-810G rugged, glass fiber reinforced construction**
- Ⓐ **Made in the USA**

Magnification	Unity (1x)
Lens System	13 mm; F/1.25
Dimensions (mm/in)	100x63x40 / 3.94x2.48x1.57
Weight (kg/lbs)	0.23 / 0.52

Part NO.	Name
PRODUCTS FOR INTERNATIONAL MARKET	
TAT179TIMMMPRO1	Prometheus Mini 336 (9Hz) FLIR Quark 2 - 336x256 (17µm)
TAT173TIMMMPRO1	Prometheus Mini 336 (30Hz) FLIR Quark 2 - 336x256 (17µm)
TAT176TIMMMPRO1	Prometheus Mini 336 (60Hz) FLIR Quark 2 - 336x256 (17µm)
ACCESSORIES	
ATAF2X0001	2X A-focal doubler
ATAM000004	DVR - Digital Recorder for
ANH000001	Hard Shipping/ Storage Case #101 (F100)

HELIOS

Thermal Imaging Bi-Ocular

The Armasight Helios line is the latest and most technologically advanced family of thermal imaging bi-oculars on the market today. Bi-ocular design is better for sustained viewing periods and improved depth perception. The Helios product line is based on the latest FLIR Tau 2 VOx microbolometer core, and includes a variety of different models, each optimizing performance, price, and state-of-the-art technology for a variety of uses and mission applications. The Helios is a solid state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and nighttime missions.

The 24/7 mission capability is just one of the many strengths this product line has to offer. Thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants. Unlike the use of laser targeting or near-infrared illumination to augment Night Vision equipment, Helios thermal imagers are extremely difficult to detect with other devices, as they emit no visible light or RF energy.

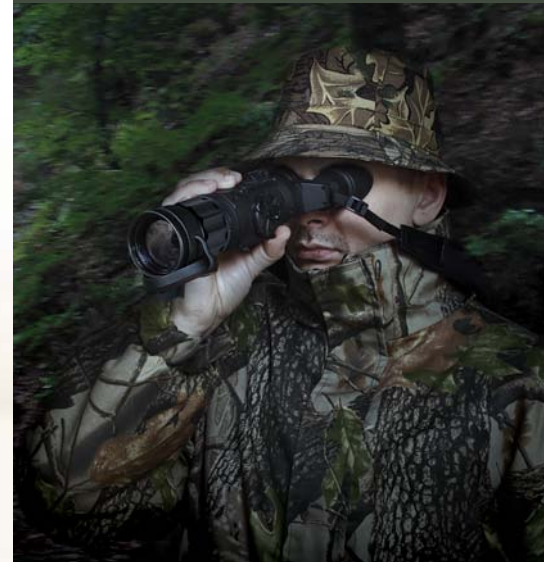
Armasight is convinced that the Helios thermal imaging bi-ocular represents one of the most sophisticated devices on the market today, due to its superior price-to-performance value.

- Ⓐ **The lightest and most compact scope in its class**
- Ⓐ **Easy and Intuitive Drop-down user interface**
- Ⓐ **Digital E-Zoom: 1x, 2x, 4x, and 8x**
- Ⓐ **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color modes**
- Ⓐ **Special User-Adjustable Imaging Tools**
- Ⓐ **Extended operation time with optional external battery power supply**
- Ⓐ **Recording: video output /optional Video Recorder with onboard replay**
- Ⓐ **CNC machined aircraft-aluminum alloy construction**
- Ⓐ **Rapid start-up**
- Ⓐ **Made in the USA**

Model	Helios 336 3-12x42	Helios 640 2-16x42
Magnification	3x - 12x	2x - 16x
Lens System	42mm; F/1.0	42mm; F/1.0
Dimensions (mm/in)	238x100x62 / 9.4x3.9x2.4	238x100x62 / 9.4x3.9x2.4
Weight (kg/lbs)	0.8 / 1.8	0.8 / 1.8

Part NO.	Name
PRODUCTS FOR US MARKET	
TAT173BN4HELI31	Helios 336 3-12x42 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT176BN4HELI31	Helios 336 3-12x42 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT163BN4HELI21	Helios 640 2-16x42 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 42mm Lens
TAT166BN4HELI21	Helios 640 2-16x42 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 42mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT179BN4HELI31	Helios 336 3-12x42 (9 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT173BN4HELI31	Helios 336 3-12x42 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT176BN4HELI31	Helios 336 3-12x42 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT163BN4HELI21	Helios 640 2-16x42 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 42mm Lens
ACCESSORIES	
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ANAMTM0003	Tripod with a Grip
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANHC000001	Hard Shipping/ Storage Case #101 (F100)

*Export regulations may apply, please see page 71.





HELIOS HD

Thermal Imaging Bi-Ocular

The Armasight Helios HD is a family of Thermal Imaging bi-oculars with professional 75mm and 100mm Germanium (Ge) objective lenses. The bi-ocular design is better for sustained viewing periods and improved depth perception. The Helios product line is based on the latest FLIR Tau 2 VOx microbolometer core technology, and includes a variety of different models, each optimizing performance, price, and state-of-the-art capabilities for a variety of uses and missions. The Helios HD is a solid-state, uncooled, long-wave infrared, magnified, dedicated handheld thermal imager intended for day and nighttime missions.

Helios HD Thermal Imaging bi-oculars are characterized by their simple but intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. The Helios HD has the ability to record imagery and is equipped with video-out capabilities.

The Helios HD Thermal Imaging bi-ocular represents one of the most sophisticated devices for long-range observation on the market today, due to its superior price-to-performance value.

- Ⓐ **75mm and 100mm Objective Germanium Lens Options**
- Ⓐ **Easy and intuitive Drop-down user interface**
- Ⓐ **SVGA 800x600 OLED Display**
- Ⓐ **Digital E-Zoom: 1x, 2x, 4x, and 8x**
- Ⓐ **Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color Modes**
- Ⓐ **Extended Operation Time with Optional External Battery Power Supply**
- Ⓐ **Recording: Video Output /Optional Video Recorder with onboard replay**
- Ⓐ **Wireless remote control**
- Ⓐ **CNC machined aircraft-aluminum alloy construction**
- Ⓐ **Rapid start-up**
- Ⓐ **Made in the USA**

Model	Helios 336 HD 5-20x75	Helios 336 HD 8-32x100	Helios 640 HD 3-24x75	Helios 640 HD 4-32x100
Magnification	5x - 20x	8x - 32x	3x - 24x	4x - 32x
Lens System	75mm; F/1	100mm; F/1	75mm; F/1	100mm; F/1
Dimensions (mm/in)	272x102x89 / 10.7x4.0x3.5	290x116x116 / 11.4x4.6x4.6	272x102x89 / 10.7x4.0x3.5	290x116x116 / 11.4x4.6x4.6
Weight (kg/lbs)	1.08 / 2.4	1.3 / 2.9	1.08 / 2.4	1.3 / 2.9

Part NO.	Name
PRODUCTS FOR US MARKET	
TAT173BN7HDHL51	Helios 336 HD 5-20x75 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT176BN7HDHL51	Helios 336 HD 5-20x75 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT173BN1HDHL81	Helios 336 HD 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176BN1HDHL81	Helios 336 HD 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163BN7HDHL31	Helios 640 HD 3-24x75 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 75mm Lens
TAT166BN7HDHL31	Helios 640 HD 3-24x75 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 75mm Lens
TAT163BN1HDHL41	Helios 640 HD 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
TAT166BN1HDHL41	Helios 640 HD 4-32x100 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT179BN7HDHL51	Helios 336 HD 5-20x75 (9Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT173BN7HDHL51	Helios 336 HD 5-20x75 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT176BN7HDHL51	Helios 336 HD 5-20x75 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT179BN1HDHL81	Helios 336 HD 8-32x100 (9 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT173BN1HDHL81	Helios 336 HD 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176BN1HDHL81	Helios 336 HD 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163BN7HDHL31	Helios 640 HD 3-24x75 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 75mm Lens
TAT163BN1HDHL41	Helios 640 HD 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
ACCESSORIES	
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ANAMTM0003	Tripod with a Grip
ATAM000008	Extended Battery Pack - Extended Battery Pack with Rechargeable Batteries
ANHCO00001	Hard Shipping/ Storage Case #101 (F100)

*Export regulations may apply, please see page 71.

HELIOS PRO NEW 2016

Thermal Imaging Bi-Ocular

The Helios Pro is a high performance handheld thermal bi-ocular. The bi-ocular design is better for sustained viewing periods and improved depth perception. The Helios Pro can withstand immersion in water up to 20 meters and absorb even the most brutal environmental shocks. The Helios Pro features most advanced system on the market today, including options like an electronic compass and inclinometer.

Utilizing the latest FLIR Tau-2 technology, the Helios Pro is offered in 336x256 or 640x512 pixel formats. These options are further enhanced by professional, military-grade 50mm or 100mm Germanium (Ge) objective lenses, creating a wide variety of optical magnifications and range performance capabilities that the customer can select from. Armasight has introduced a unique dual battery option for the Helios Pro that consists of either four 3.0VDC 123A batteries or four 1.5VDC AA batteries pre-loaded in a cartridge.

- Ⓐ **24/7 Operation in presence of environmental obscurants (smoke, dust, haze, fog)**
- Ⓐ **Rugged MIL-STD-810 compliant performance**
- Ⓐ **Operates on 123A or AA batteries**
- Ⓐ **Tau-2 17µm Pitch Thermal Sensor**
- Ⓐ **SVGA 800x600 OLED Display**
- Ⓐ **Digital Compass and Digital Inclinometer**
- Ⓐ **Selectable Palettes: White Hot, Black Hot, Sepia, Fusion, Rainbow, and Rain**
- Ⓐ **Special User-Adjustable Imaging Tools**
- Ⓐ **Wireless 5-button Remote**
- Ⓐ **Digital e-Zoom: 2x / 4x / 8x (640x512 only)**
- Ⓐ **Still Picture and Video Recording Capability (Mounted DVR Option)**
- Ⓐ **Made in the USA**

Model	Helios Pro 336 4-16x50	Helios Pro 336 8-32x100	Helios Pro 640 2-16x50	Helios Pro 640 4-32x100
Magnification	4x - 16x	8x - 32x	2x - 16x	4x - 32x
Lens System	50mm; F/1.4	100mm; F/1.4	50mm; F/1.4	100mm; F/1.4
Dimensions (mm/in)	241x102x60 / 9.5x4.0x2.4	309x102x90 / 12.1x4.0x3.5	241x102x60 / 9.5x4.0x2.4	309x102x90 / 12.1x4.0x3.5
Weight (kg/lbs)	1.05 / 2.3	1.4 / 3.1	1.05 / 2.3	1.4 / 3.1

Part NO.	Name
PRODUCTS FOR US MARKET	
TAT173BN5HPRO41	Helios Pro 336 4-16x50 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT176BN5HPRO41	Helios Pro 336 4-16x50 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT173BN1HPRO81	Helios Pro 336 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176BN1HPRO81	Helios Pro 336 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163BN5HPRO21	Helios Pro 640 2-16x50 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT166BN5HPRO21	Helios Pro 640 2-16x50 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT163BN1HPRO41	Helios Pro 640 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
TAT166BN1HPRO41	Helios Pro 640 4-32x100 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT173BN5HPRO41	Helios Pro 336 4-16x50 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT176BN5HPRO41	Helios Pro 336 4-16x50 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT173BN1HPRO81	Helios Pro 336 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176BN1HPRO81	Helios Pro 336 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163BN5HPRO21	Helios Pro 640 2-16x50 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT163BN1HPRO41	Helios Pro 640 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
ACCESSORIES	
IALA00AMRF22001	AMRF2200 - Advanced Modular Range Finder
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ATAM000008	Extended Battery Pack
ANAMTM0003	Tripod with a Grip
ANHC000001	Hard Shipping/Storage Case #101
ANHC000004	Hard Shipping/Storage Case #102 (for Helios Pro 100mm)

*Export regulations may apply, please see page 71.




NEW
2016

PREDATOR ZEUS

Thermal Imaging Riflescopes

Armasight is excited to introduce its latest and most technologically-advanced family of Predator and Zeus thermal imaging weapon sights to the sporting, law enforcement, and military markets. The Predator/ Zeus product line is based on the latest FLIR Tau 2 VOx microbolometer core. Each model of the line has optimized performance, price, and state-of-the-art technology for a variety of uses and mission applications ranging from the seriously committed hunter to the military designated marksman. While primarily designed as a weapon scope, the Predator/ Zeus functions equally well in its collateral assignments as a magnified spotting scope or handheld thermal imager.

The Predator and Zeus are solid state, uncooled, long-wave infrared, magnified dedicated weapon scopes intended for day and night engagements without the need to remove the sight from the rifle. The 24/7 mission capability is just one of its many strengths. Thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants. Unlike the use of laser targeting or near-infrared illumination to augment Night Vision equipment, the Predator/ Zeus thermal imaging weapon sight is extremely difficult to detect with other devices, as it emits no visible light or RF energy.

In addition to being the smallest and lightest in their class, Predator and Zeus thermal imaging weapon sights are characterized by their simple and intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. This "layering" of easy-to-understand control functions provides the operator with a framework for customizing his preferences and exploiting the robust variety of setting options available in the Predator/ Zeus. The Predator/ Zeus has a series of selectable color modes based on a rich, upgradeable software package. A wireless remote switch is included to activate the Predator/Zeus thermal imaging weapon sight when positioned in the "standby" mode. The Predator/ Zeus has the ability to record videos with optional Digital Video Recorder and is also equipped with a video-out capability in operator selectable NTSC or PAL formats. The Predator/ Zeus uses the same multi-pin connector to provide video-in imagery, where there is a need for map or range-finder display overlays, and external power access.

Installing the Predator/ Zeus on a weapon is easy, repeatable, and reliable, based on a unique and highly user-friendly MIL-STD-1913/ Weaver/ Picatinny rail-compatible, quick-release locking mechanism. The solid state technology and software algorithms, combined with a complementary color reticle platform, ensures maximum reticle contrast, high-level target accuracy, and boresight retention that cannot be achieved with mechanical boresight adjusters and traditional ballistic drums. This level of accuracy is translated into the electronic zoom (e-zoom) function of the Predator and Zeus thermal imaging weapon sights, which can be progressively increased from 1x to 2x, 4x, and 8x, without changing the point-of-aim to point of-impact relationship of the targeting reticle.

The Predator/ Zeus thermal imaging weapon sight represents one of the most sophisticated sighting devices available in today's market for hunters, SWAT teams, and military personnel, due to its superior price-to-performance value.



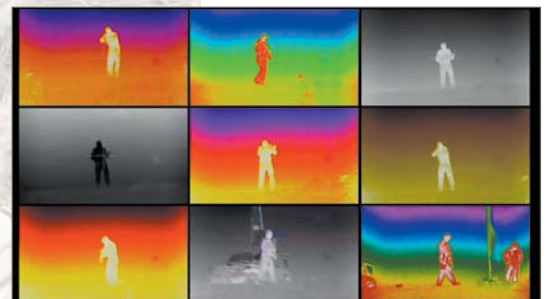
Model	Predator 336 2-8x25	Predator 640 1.5-12x25	Zeus 336 3-12x42	Zeus 336 5-20x75	Zeus 640 2-16x42	Zeus 640 3-24x75
Magnification	2x - 8x	1.5x - 12x	3x - 12x	5x - 20x	2x - 16x	3x - 24x
Lens System	25mm; F/1.0	25mm; F/1.0	42mm; F/1.0	75mm; F/1.3	42mm; F/1.0	75mm; F/1.3
Dimensions (mm/in)	194x68x78 7.6x2.7x3.1	194x68x78 7.6x2.7x3.1	194x68x78 7.6x2.7x3.1	214x68x78 8.4x2.7x3.1	194x68x78 7.6x2.7x3.1	214x68x78 8.4x2.7x3.1
Weight (kg/lbs)	0.63 / 1.4	0.63 / 1.4	0.7 / 1.5	0.8 / 1.8	0.7 / 1.5	0.8 / 1.8

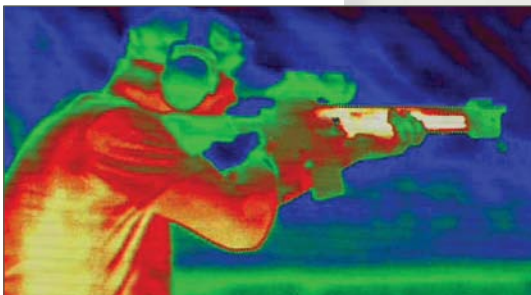
- Ⓐ The lightest and most compact scope in its class
- Ⓐ User selectable NTSC or PAL format
- Ⓐ Easy and Intuitive Drop-down user interface
- Ⓐ Digital E-Zoom: 1x, 2x, 4x, and 8x
- Ⓐ Color Modes: White Hot/ Black Hot/ Rainbow/ Various Color modes
- Ⓐ 6 onboard digitally controlled reticle patterns available: "Dot 4 MOA," "Line Dot" "Cross-Center Dot," "Cross," "Crosshair," and "No Reticle"
- Ⓐ Reticle Colors: Black, White, Red, and Cyan
- Ⓐ Special User-Adjustable Imaging Tools
- Ⓐ Extended operation time with optional external battery power supply
- Ⓐ Recording: video output/ optional Video Recorder with onboard replay
- Ⓐ Wireless remote control for tactical operations
- Ⓐ CNC machined aircraft-aluminum alloy construction
- Ⓐ Rapid start-up
- Ⓐ MIL-STD-1913 (Picatinny Rail) Quick-Release Mount
- Ⓐ Made in the USA



Part NO.	Name
PRODUCTS FOR US MARKET	
TAT173WN2PRED21	Predator 336 2-8x25 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 25mm Lens
TAT176WN2PRED21	Predator 336 2-8x25 (60Hz) FLIR Tau 2 - 336x256 (17µm), 25mm Lens
TAT163WN2PRED11	Predator 640 1.5-12x25 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 25mm Lens
TAT173WN4ZEUS31	Zeus 336 3-12x42 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT176WN4ZEUS31	Zeus 336 3-12x42 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT173WN7ZEUS51	Zeus 336 5-20x75 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT176WN7ZEUS51	Zeus 336 5-20x75 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT163WN4ZEUS21	Zeus 640 2-16x42 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 42mm Lens
TAT166WN4ZEUS21	Zeus 640 2-16x42 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 42mm Lens
TAT163WN7ZEUS31	Zeus 640 3-24x75 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 75mm Lens
TAT166WN7ZEUS31	Zeus 640 3-24x75 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 75mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT173WN2PRED21	Predator 336 2-8x25 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 25mm Lens
TAT176WN2PRED21	Predator 336 2-8x25 (60Hz) FLIR Tau 2 - 336x256 (17µm), 25mm Lens
TAT163WN2PRED11	Predator 640 1.5-12x25 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 25mm Lens
TAT173WN4ZEUS31	Zeus 336 3-12x42 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT176WN4ZEUS31	Zeus 336 3-12x42 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 42mm Lens
TAT173WN7ZEUS51	Zeus 336 5-20x75 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT176WN7ZEUS51	Zeus 336 5-20x75 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 75mm Lens
TAT163WN4ZEUS21	Zeus 640 2-16x42 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 42mm Lens
TAT163WN7ZEUS31	Zeus 640 3-24x75 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 75mm Lens
ACCESSORIES	
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ATAM000008	Extended Battery Pack

*Export regulations may apply, please see page 71.





ZEUS PRO

Thermal Imaging Weapon Sight

The Zeus Pro family of Thermal Weapon Sights showcases the best and latest advancements developed by Armasight in the field of uncooled thermal imaging technology for the dismounted soldier, special law enforcement team member, and professional hunter. The Zeus Pro epitomizes Armasight's 20/50 design gold standard, which is defined from product inception as being capable of withstanding 20 meters immersion for 2 hours and engineered for routine use with 0.50 BMG weapon shock and recoil. Based around common core electronics, signal processing, and eyepiece optics with generous eye-relief, the Zeus Pro Series Thermal Weapon Sight is available in a variety of options and price points that cater to every application – military and commercial.

Utilizing the latest FLIR Tau-2 Technology, the Zeus Pro is offered in 336x256 or 640x512 pixel formats. These options are further enhanced by professional military-grade 30mm, 50mm, 100mm Germanium (Ge) objective lenses creating a wide variety of optical magnifications and range performance capabilities that the customer can select from. Armasight has introduced a unique dual battery option for the Zeus Pro Thermal Weapon Sight consisting either of four 3.0VDC 123A batteries all oriented in the same direction to prevent confusion in replacement, or four 1.5VDC AA batteries pre-loaded in a cartridge. In a pinch, a single 123A 3.0VDC battery can power the Zeus Pro for just over one hour.

The Zeus Pro Thermal Weapon Sight is characterized by its simple and intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. In an effort to better support the art of shooting, Armasight has included ballistic drop reticules, electronic compass and inclinometer in the Zeus Pro package for finer range estimation and target orientation. The Zeus Pro uses a 9-pin multi-pin connector to provide video-in imagery, where there may be a need for map or rangefinder display overlays, and external power access. In support of these capabilities, Armasight offers an optional laser range finder, external battery pack, multispectral laser and other accessories designed to attach on the MIL-STD-1913 rail of the Zeus Pro. Solid state technology reticule adjustments and software algorithms, combined with a complementary color reticle platform, ensures maximum reticle contrast, high level target accuracy, and boresight retention. This level of accuracy is translated into the tracking electronic zoom (e-zoom) function of the Zeus Pro thermal imaging weapon sights, which can be progressively increased from 1x to 2x to 4x and 8x without changing the point-of-aim to point-of-impact relationship of the targeting reticle.

A five-button wireless remote switch is included to operate and modify the settings on the Zeus Pro to optimize the imagery for the viewed scene without having to remove your hands from the weapon. The Zeus Pro has Bluetooth® wireless capability and can directly interface with most smart phones with the potential for engaging a series of current and future applications.

The Zeus Pro Thermal Weapon Sight represents the most versatile and sophisticated Armasight product available in today's market for hunters, SWAT teams, and military personnel, based on its superior price-to-performance value.

Model	Zeus Pro 336 4-16x50	Zeus Pro 336 8-32x100	Zeus Pro 640 2-16x50	Zeus Pro 640 4-32x100
Magnification	4x - 16x	8x - 32x	2x - 16x	4x - 32x
Lens System	50mm; F/1.4	100mm; F/1.4	50mm; F/1.4	100mm; F/1.4
Dimensions (mm/in)	197x76x76 / 7.5x3.0x3.0	265x90x100 / 10.4x3.5x3.9	197x76x76 / 7.5x3.0x3.0	265x90x100 / 10.4x3.5x3.9
Weight (kg/lbs)	0.95 / 2.0	1.3 / 2.9	0.95 / 2.0	1.3 / 2.9



MAXIMIZE YOUR ARMASIGHT ZEUS PRO EXPERIENCE WITH OUR NEW ENHANCED MOBILE APPLICATIONS!

See more details on page 62.



**IOS ARMASIGHT
ENHANCED MOBILE
APPLICATION**

<https://itunes.apple.com/us/app/armasight/id1031287075?mt=8>



**ANDROID ARMASIGHT
ENHANCED MOBILE
APPLICATION**

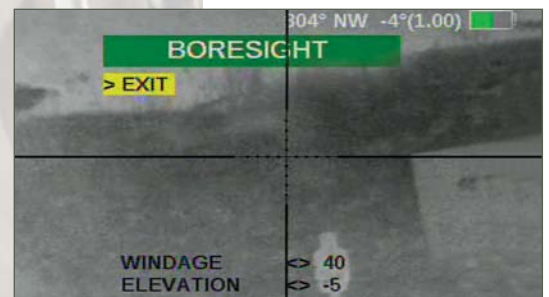
<https://play.google.com/store/apps/details?id=com.armasight.app>

- Ⓐ 24/7 Operation in presence of environmental obscurants (smoke, dust, haze, fog)
- Ⓐ Superior engineering and design from inception to Armasight's 20/50 standard
- Ⓐ Rugged MIL-STD-810 compliant performance
- Ⓐ Waterproof
- Ⓐ Operates on 123A or AA batteries
- Ⓐ Reliable quick-release locking weapon mount
- Ⓐ Objective Germanium Lens Options
- Ⓐ Tau-2 17µm Pitch Thermal Sensor
- Ⓐ SVGA 800x600 OLED Display
- Ⓐ Long eye-relief eyepiece lens
- Ⓐ Digital Compass
- Ⓐ Digital Inclinometer
- Ⓐ Battery Status Indicator
- Ⓐ Multiple User Selectable Ballistic and Quick Acquisition Reticules
- Ⓐ Selectable Reticule Color
- Ⓐ Selectable Palettes: White Hot, Black Hot, Sepia, Fusion, Rainbow, and Rain
- Ⓐ Special User-Adjustable Imaging Tools:
 - Active Contrast Enhancement (ACE) - "CONTRAST"
 - Second Generation Digital Detail Enhancement (DDE) - "SHARPNESS"
 - Smart Scene Optimization (SSO) - "SMART SCENE"
 - Linear Automatic Gain Control - "LINEAR AGC"
 - Information-Based Histogram Equalization (IBHEQ) - "SKY/SEA"
 - User-Controlled Manual Non-Uniformity Correction/ Flat-Field Correction (UCMNUC/ FFC)
 - Silent Shutterless NUC™ (SSN)
- Ⓐ Wireless 5-button Remote
- Ⓐ Tracking Digital e-Zoom: 2x / 4x / 8x (640x512 only)
- Ⓐ Still Picture and Video Recording Capability (Mounted DVR Option)
- Ⓐ Made In the USA



Part NO.	Name
PRODUCTS FOR US MARKET	
TAT173WN5ZPRO41	Zeus Pro 336 4-16x50 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT176WN5ZPRO41	Zeus Pro 336 4-16x50 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT173WN1ZPRO81	Zeus Pro 336 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176WN1ZPRO81	Zeus Pro 336 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163WN5ZPRO21	Zeus Pro 640 2-16x50 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT166WN5ZPRO21	Zeus Pro 640 2-16x50 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT163WN1ZPRO41	Zeus Pro 640 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
TAT166WN1ZPRO41	Zeus Pro 640 4-32x100 (60 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT173WN5ZPRO41	Zeus Pro 336 4-16x50 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT176WN5ZPRO41	Zeus Pro 336 4-16x50 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT173WN1ZPRO81	Zeus Pro 336 8-32x100 (30 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT176WN1ZPRO81	Zeus Pro 336 8-32x100 (60 Hz) FLIR Tau 2 - 336x256 (17µm), 100mm Lens
TAT163WN5ZPRO21	Zeus Pro 640 2-16x50 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT163WN1ZPRO41	Zeus Pro 640 4-32x100 (30 Hz) FLIR Tau 2 - 640x512 (17µm), 100mm Lens
ACCESSORIES	
IALA00AMRF22001	AMRF2200 - Advanced Modular Range Finder
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ATAM000008	Extended Battery Pack
ANAM000045	Extended Rail Adapter #85

*Export regulations may apply, please see page 71.



NEW
 2016

APOLLO MINI

Thermal Imaging Clip-On System

Armasight is proud to introduce one of the smallest Infrared Thermal Imaging Clip-on System, Apollo Mini.

Apollo Mini represents the latest evolution in our never-ceasing quest to reduce size and weight, while maximizing performance and functions. The Apollo Mini has a wide range of features that puts it at the forefront of all other miniature thermal imagers in its class.

The Apollo Mini is an uncooled long-wave thermal clip-on device intended to mount in front of the existing magnified day sight. The immediate advantages of this approach of converting the day scope into a thermal imaging device include no change in cheek weld, no change in trigger reach, and continued use of existing ballistic reticules in the day scope. The Armasight Apollo Mini eliminates the traditional requirement of removing your existing day scope from your rifle, to replace it with a dedicated thermal sight (which would also involve re-zeroing). The Apollo simply mounts in front of your own standard daytime optical sight. Factory bore-sighted to tolerances of less than 1 MOA, no re-zeroing is required. The Apollo allows the user to maintain consistent eye relief and shooting position; because the operator uses their own, familiar day scope – no re-training is required.

The 24/7 mission capability is only one of the strengths of the Apollo Mini. The thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscurants.

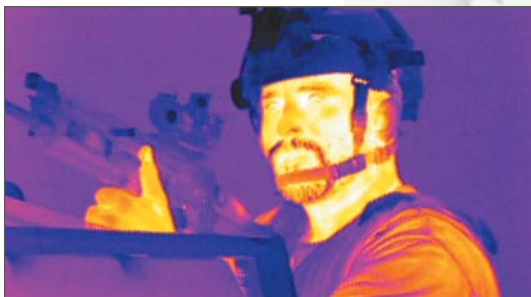
Equipped with digital compass and inclinometer, Apollo Mini offers the operator the tools necessary to interpolate accurate distance to target and target orientation.

Collateral applications of Apollo Mini Thermal Imaging Device include functionality as a unity magnification (1x) stand-alone weapon sight and handheld uncooled thermal monocular 1x or 3x (with use of 3x booster).

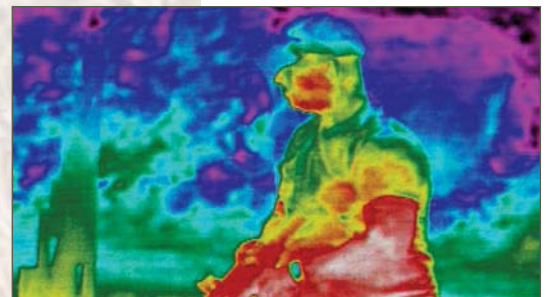
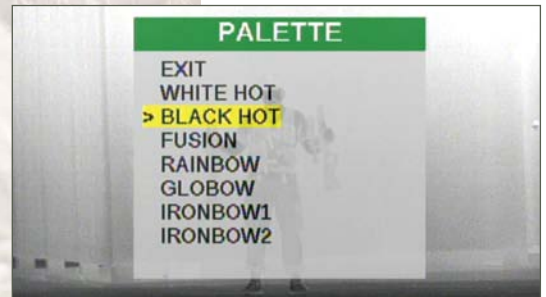
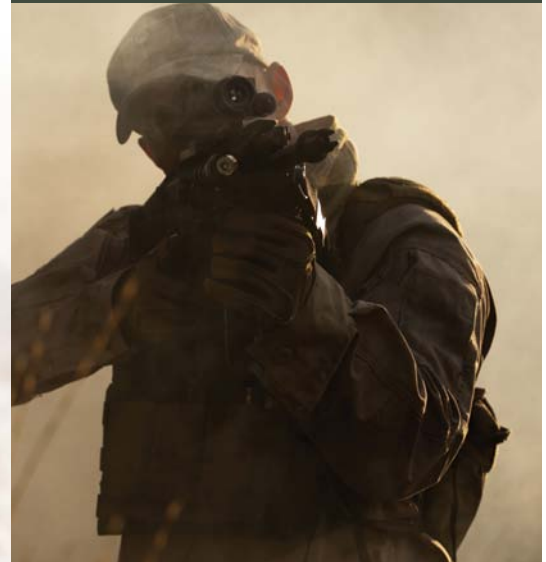
Armasight has included a compass and inclinometer in the Apollo Mini package for finer range estimation and target orientation. A five-button wireless remote switch is included to operate and modify the settings on the Apollo Mini to optimize the imagery for the viewed scene without having to remove your hands from the weapon.

Utilizing the latest FLIR Quark 2 Technology, the Apollo Mini is offered in 336x256 and 640x512 pixel formats. Additional Armasight proprietary hyper-image processing (HIP) code provides the Apollo with a robust library of software features to tailor the image to the optimum standards required of the operator. These features include direct button functions such as display brightness, palette selection, manual non-uniformity correction (NUC) using a simple, intuitive three button keypad. Menu driven features incorporate desirable operator-specific adjustments such as palette selection, scene-related imaging corrections, stored rifle caliber profiles, format selection, compass calibration sequence, and a "factory settings" default option. The wireless remote capability and Bluetooth features prevents the Apollo Mini from becoming obsolete as new applications and software reaches maturity and comes to market. The nine-pin connector on the Apollo Mini reveals the dynamic nature of this mite-sized powerhouse. Through the multi-pin connector, the operator can record video using the Armasight Digital Video Recorder (DVR), augment the battery life by attaching to external battery options, inject target range data from an externally mounted Armasight laser rangefinder and update/upload new software revision and applications from personal accounts associated with the Armasight customer access web sites.

Model	Apollo Mini 336	Apollo Mini 640
Magnification	Unity (1x)	Unity (1x)
Lens System	19mm; F/1.25	35mm; F/1.5
Dimensions (mm/in)	124x63x49 / 4.9x2.4x2	112x63x49 / 4.4x2.4x2
Weight w/o mount (kg/lbs)	0.25 / 0.54	0.26 / 0.56



- Ⓐ 24/7 Operation in presence of environmental obscurants (smoke, dust, haze, fog)
- Ⓐ MIL-810G rugged, glass fiber reinforced construction
- Ⓐ Reliable quick-release locking weapon mount
- Ⓐ Objective Germanium Lens
- Ⓐ FLIR Quark 2 17µm Pitch Thermal Sensor
- Ⓐ SVGA 800x600 OLED Display
- Ⓐ Digital Compass
- Ⓐ Digital Inclinator
- Ⓐ Drop-down menu and icon based menu
- Ⓐ Simple, intuitive 3-button control
- Ⓐ Polarity Control (black hot/white hot)
- Ⓐ Selectable Palettes: White Hot/ Black Hot/ Sepia/ OEM Custom/ Other Color Variants
- Ⓐ Special User-Adjustable Imaging Tools:
 - Active Contrast Enhancement (ACE) - "CONTRAST"
 - Second Generation Digital Detail Enhancement (DDE) - "SHARPNESS"
 - Smart Scene Optimization (SSO) - "SMART SCENE"
 - Linear Automatic Gain Control - "LINEAR AGC"
 - Information-Based Histogram Equalization (IBHEQ) - "SKY/SEA"
 - User-Controlled Manual Non-Uniformity Correction/ Flat-Field Correction (UCMNUC/ FFC)
 - Silent Shutterless NUC™ (SSN)
- Ⓐ One 123A battery operation
- Ⓐ Battery Status Indicator
- Ⓐ Wireless 5-button Remote
- Ⓐ Still Picture and Video Recording Capability (DVR Option)
- Ⓐ Made In the USA



Part NO.	Name
PRODUCTS FOR US MARKET	
TAQ173CN9APNA01	Apollo Mini 336 (30Hz), FLIR Quark 2 - 336x256 (17µm)
TAQ176CN9APNA01	Apollo Mini 336 (60Hz), FLIR Quark 2 - 336x256 (17µm)
TAQ163CN3APNA01	Apollo Mini 640 (30Hz), FLIR Quark 2 - 640x512 (17µm)
TAQ166CN3APNA01	Apollo Mini 640 (60Hz), FLIR Quark 2 - 640x512 (17µm)
PRODUCTS FOR INTERNATIONAL MARKET*	
TAQ173CN9APNA01	Apollo Mini 336 (30Hz), FLIR Quark 2 - 336x256 (17µm)
TAQ176CN9APNA01	Apollo Mini 336 (60Hz), FLIR Quark 2 - 336x256 (17µm)
TAQ163CN3APNA01	Apollo Mini 640 (30Hz), FLIR Quark 2 - 640x512 (17µm)
ACCESSORIES	
IALA00AMRF22001	AMRF2200 - Advanced Modular Range Finder
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ATAM000008	Extended Battery Pack
ANAM000009	Mounting System #1 for Day-Time Optics with 25.4-30 mm Objective Diameter
ANAM000010	Mounting System #2 for Day-Time Optics with 38-42 mm Objective Diameter
ANAM000011	Mounting System #3 for Day-Time Optics with 46.7-50 mm Objective Diameter
ANAM000012	Mounting System #4 for Day-Time Optics with 56-58.7 mm Objective Diameter
ANAM000013	Mounting System #6 for Day-Time Optics with 62 mm Objective Diameter
ANLE3X0008	3x Magnifier with Adapter # 54
ANAM000045	Extended Rail Adapter #85

*Export regulations may apply, please see page 71.



APOLLO

Thermal Imaging Clip-On System

Armasight is excited to introduce its latest and most technologically advanced family of Apollo thermal imaging clip-on systems to the sporting, law enforcement, and military markets. The Apollo product line was developed based on the latest FLIR Tau 2 VOx microbolometer core to optimize performance, price, and state-of-the-art technology for a variety of users, from the committed hunter to the designated military marksman.

The Apollo is an uncooled long-wave thermal clip-on device intended to mount in front of the existing magnified day sight. The immediate advantages of this approach of converting the day scope into a thermal imaging device include no change in cheek weld, no change in trigger reach, and continued use of existing ballistic reticules in the day scope. The 24/7 mission capability is only one of the strengths of the Apollo. The thermal imaging technology also allows you to detect targets by cutting through snow, dust, smoke, fog, haze, and other atmospheric obscuring factors.

The Armasight Apollo eliminates the traditional requirement of removing your existing day scope from your rifle, to replace it with a dedicated thermal sight (which would also involve re-zeroing). The Apollo simply mounts in front of your own standard daytime optical sight. Factory bore-sighted to tolerances of less than 1 MOA, no re-zeroing is required. The Apollo allows the user to maintain consistent eye relief and shooting position; because the operator uses their own, familiar day scope – no re-training is required.

In addition to being the smallest and lightest in their class, Apollo thermal imaging clip-on systems are characterized by their simple and intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. This "layering" of easy-to-understand control functions provides the operator with a framework for customizing his preferences and exploiting the robust variety of setting options available in the Apollo. The Apollo has a unique series of color display presentations for rapid target detection, based on a rich, upgradeable software package. A wireless remote switch is included to activate the Apollo thermal imaging clip-on system when positioned in the "standby" mode. The Apollo is equipped with a video-out capability in operator selectable NTSC or PAL formats. The Apollo uses the same multi-pin connector to provide video-in imagery (where there is a need for map or rangefinder display overlays), and external power access.

Apollo weapon installation is easy, repeatable, and reliable based on a unique and highly user-friendly MIL-STD-1913/ Weaver/ Picatinny rail compatible, quick-release locking mechanism.

Magnification	Unity (1x)
Lens System	42 mm; F/1.0
Dimensions (mm/in)	217x70x80 / 8.5x2.8x3.2
Weight (kg/lbs)	0.7 / 1.5

- Ⓐ Converts your day scope, sight, or binoculars into thermal imaging device
- Ⓐ Mounts in front of any day scope with no re-zeroing required
- Ⓐ High-performance thermal imaging camera
- Ⓐ Lightweight and robust design
- Ⓐ SVGA 800x600 OLED Display
- Ⓐ Easy to operate
- Ⓐ Manually adjustable objective lens
- Ⓐ Real-time display
- Ⓐ Special User-Adjustable Imaging Tools
- Ⓐ Current operational state information display (battery status, active profile, palette setting)
- Ⓐ Wireless remote control
- Ⓐ Analog video input and output (NTSC/PAL)
- Ⓐ Powered by two standard CR123A batteries.
- Ⓐ Power input capability
- Ⓐ Digital video recorder (optional)
- Ⓐ Fits any Picatinny, MIL-STD-1913, or Weaver rail with an adjustable quick-release mount
- Ⓐ Serviceability under severe conditions
- Ⓐ Filled with dry nitrogen to prevent internal fogging
- Ⓐ Water and fog-resistant
- Ⓐ Limited 3-year warranty
- Ⓐ 10-year warranty on FLIR detector



Part NO.	Name
PRODUCTS FOR US MARKET	
TAT253CN4APOL01	Apollo 324 (30 Hz) FLIR Tau 2 - 324x256 (25µm) 30Hz, 42mm Lens
TAT256CN4APOL01	Apollo 324 (60 Hz) FLIR Tau 2 - 324x256 (25µm) 60Hz, 42mm Lens
TAT163CN4APOL01	Apollo 640 (30 Hz) FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
TAT166CN4APOL01	Apollo 640 (60 Hz) FLIR Tau 2 - 640x512 (17µm) 60Hz, 42mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT253CN4APOL01	Apollo 324 (30 Hz) FLIR Tau 2 - 324x256 (25µm) 30Hz, 42mm Lens
TAT256CN4APOL01	Apollo 324 (60 Hz) FLIR Tau 2 - 324x256 (25µm) 60Hz, 42mm Lens
TAT163CN4APOL01	Apollo 640 (30 Hz) FLIR Tau 2 - 640x512 (17µm) 30Hz, 42mm Lens
ACCESSORIES	
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ATAM000008	Extended Battery Pack
ANAM000009	Mounting System #1 for Day-Time Optics with 25.4-30 mm Objective Diameter
ANAM000010	Mounting System #2 for Day-Time Optics with 38-42 mm Objective Diameter
ANAM000011	Mounting System #3 for Day-Time Optics with 46.7-50 mm Objective Diameter
ANAM000012	Mounting System #4 for Day-Time Optics with 56-58.7 mm Objective Diameter
ANAM000013	Mounting System #6 for Day-Time Optics with 62 mm Objective Diameter
ANLE3X0008	3x Magnifier with Adapter # 54
ANAM000045	Extended Rail Adapter #85

*Export regulations may apply, please see page 71.



APOLLO PRO

Thermal Imaging Clip-On System

The Apollo Pro family of Clip-on Thermal Imaging Devices represents Armasight's premier day/night thermal clip-on product displaying the best and latest in advancements developed by Armasight in the field of uncooled thermal imaging technology for the dismounted soldier, special law enforcement team member, and professional hunter. The Apollo Pro epitomizes Armasight's 20/50-design gold standard, which is defined from product inception as being capable of withstanding 20 meters immersion for 2 hours, and engineered for routine use with 0.50 BMG weapon shock and recoil. Based around common core electronics, signal processing, and infinity focused large-format collimating eyepiece, the Apollo Pro Series Day/ Night Clip-on Thermal Imaging Device is available in a variety of options and price points that cater to every application – military and commercial.

The Apollo Pro is a solid state, uncooled, long-wave infrared, 1X (unity magnification) Clip-on Thermal Imaging Device for day and night engagements. It mounts directly in front of the variable magnification sniper day sight without the need to remove the day sight from the weapon. Collateral applications of the Apollo Pro Thermal Imaging Device include functionality as a unity magnification (1x) stand-alone weapon sight and handheld uncooled thermal monocular. For the collateral duty functions, Armasight has included a compass and inclinometer in the Apollo Pro package for finer range estimation and target orientation. A five-button wireless remote switch is included to operate and modify the settings on the Apollo Pro to optimize the imagery for the viewed scene without having to remove your hands from the weapon. The Apollo Pro has Bluetooth® wireless capability and can directly interface with most smart phones with the potential for engaging a series of current and future applications.

Utilizing the latest FLIR Tau-2 Technology, the Apollo Pro is offered in 336x256 and 640x512 pixel formats. These options are further enhanced by professional military-grade 50mm and 100mm Germanium (Ge) objective lenses, creating a wide variety of range performance options to optimize the user's experience with this magnified day sight.

Armasight has introduced a unique dual battery option for the Apollo Pro Clip-on Thermal Imaging Device, consisting either of four 3.0VDC 123A batteries (all oriented in the same direction to prevent confusion in replacement), or four 1.5VDC AA batteries pre-loaded in a cartridge. In a pinch, the Apollo Pro special power-management feature allows the use of a single 3.0VDC 123A battery for just over an hour.

The Apollo Pro uses the same 9-pin multi-pin connector to provide video-in imagery, where there may be a need for map or rangefinder display overlays, and external power access. In support of these capabilities, Armasight offers an optional laser range-finder, external battery pack, multispectral laser and other accessories designed to attach on the MIL-STD-1913 rail of the Apollo Pro to feed the desired overlay or input power into the Clip-on Thermal Imaging Device. The 9-pin connector is also capable of providing a portal for periodically upgrading the Apollo Pro software directly; as new revisions become available, users can download updates directly from the internet.

Apollo Pro weapon installation is easy, repeatable, and reliable based on a user-friendly MIL-STD-1913/ Weaver/Picatinny rail compatible, quick-release locking mechanism. This device is normally used in the "Reticule Off/ No Reticule" mode. However, when used in the collateral role of a 1X stand-alone weapon sight, the solid state technology reticule adjustments and software algorithms – combined with a complementary color reticle platform – ensure maximum reticle contrast, high-level target accuracy, and boresight retention that cannot be achieved with mechanical boresight adjusters and traditional ballistic drums. This level of accuracy is translated into the tracking electronic zoom (e-zoom) function of the Apollo Pro, when used as a 1x weapon sight, which can be progressively increased from 1x to 2x to 4x and 8x (640x512 format only) without changing the point-of-aim to point-of-impact relationship of the targeting reticle.

Based on its superior price-to-performance value, the Apollo Pro Clip-on Thermal Imaging Device represents the most versatile and sophisticated Armasight product available in today's market for hunters, SWAT teams, and military personnel who want to use their own sniper day scopes.



MAXIMIZE YOUR ARMASIGHT APOLLO PRO EXPERIENCE WITH OUR NEW ENHANCED MOBILE APPLICATIONS!

See more details on page 62.



IOS ARMASIGHT ENHANCED MOBILE APPLICATION

<https://itunes.apple.com/us/app/armasight/id1031287075?mt=8>



ANDROID ARMASIGHT ENHANCED MOBILE APPLICATION

<https://play.google.com/store/apps/details?id=com.armasight.app>

- Ⓐ **24/7 Operation in presence of environmental obscurants (smoke, dust, haze, fog)**
- Ⓐ **Superior engineering and design from inception to Armasight's 20/50 standard**
- Ⓐ **Waterproof, rugged MIL-STD-810 compliant performance**
- Ⓐ **Operates on 123A or AA batteries**
- Ⓐ **Reliable quick-release locking weapon mount**
- Ⓐ **Objective Germanium Lens**
- Ⓐ **Tau-2 17µm Pitch Thermal Sensor**
- Ⓐ **SVGA 800x600 OLED Display**
- Ⓐ **Digital Compass**
- Ⓐ **Digital Inclinometer**
- Ⓐ **Battery Status Indicator**
- Ⓐ **Multiple User Selectable Ballistic and Quick Acquisition Reticules (except in 9Hz version)**
- Ⓐ **Selectable Reticule Color**
- Ⓐ **Selectable Palettes: White Hot, Black Hot, Sepia, Fusion, Rainbow, and Rain**
- Ⓐ **Special User-Adjustable Imaging Tools:**
 - **Active Contrast Enhancement (ACE) - "CONTRAST"**
 - **Second Generation Digital Detail Enhancement (DDE) - "SHARPNESS"**
 - **Smart Scene Optimization (SSO) - "SMART SCENE"**
 - **Linear Automatic Gain Control - "LINEAR AGC"**
 - **Information-Based Histogram Equalization (IBHEQ) - "SKY/SEA"**
 - **User-Controlled Manual Non-Uniformity Correction/ Flat-Field Correction (UCMNUC/ FFC)**
 - **Silent Shutterless NUC™ (SSN)**
- Ⓐ **Wireless 5-button Remote**
- Ⓐ **Tracking Digital e-Zoom: 2x / 4x / 8x (640x512 only)**
- Ⓐ **Still Picture and Video Recording Capability (Mounted DVR Option)**
- Ⓐ **Made In the USA**



Model	Apollo Pro MR 336	Apollo Pro MR 640	Apollo Pro LR 640
Magnification	Unity (1x)	Unity (1x)	Unity (1x)
Lens System	50mm; F/1.4	50mm; F/1.4	100mm; F/1.4
Dimensions (mm/in)	217x76x76 / 8.5x3.0x3.0	217x76x76 / 8.5x3.0x3.0	287x90x100 / 11.3x3.5x3.9
Weight (kg/lbs)	720 / 1.6	720 / 1.6	1280 / 2.8

Part NO.	Name
PRODUCTS FOR US MARKET	
TAT173CN5APMR01	Apollo Pro MR 336 50mm (30 Hz), FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT176CN5APMR01	Apollo Pro MR 336 50mm (60 Hz), FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT163CN5APMR01	Apollo Pro MR 640 50mm (30 Hz), FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT166CN5APMR01	Apollo Pro MR 640 50mm (60 Hz), FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT163CN1APLR01	Apollo Pro LR 640 100mm (30 Hz), FLIR Tau 2 - 640x512 (17µm), 100mm Lens
TAT166CN1APLR01	Apollo Pro LR 640 100mm (60 Hz), FLIR Tau 2 - 640x512 (17µm), 100mm Lens
PRODUCTS FOR INTERNATIONAL MARKET*	
TAT173CN5APMR01	Apollo Pro MR 336 50mm (30 Hz), FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT176CN5APMR01	Apollo Pro MR 336 50mm (60 Hz), FLIR Tau 2 - 336x256 (17µm), 50mm Lens
TAT163CN5APMR01	Apollo Pro MR 640 50mm (30 Hz), FLIR Tau 2 - 640x512 (17µm), 50mm Lens
TAT163CN1APLR01	Apollo Pro LR 640 100mm (30 Hz), FLIR Tau 2 - 640x512 (17µm), 100mm Lens
ACCESSORIES	
IALA00AMRF22001	AMRF2200 - Advanced Modular Range Finder
ATAM000004	DVR - Digital Recorder
ATAM000005	HD DVR - High Definition Digital Recorder
ATAM000008	Extended Battery Pack
ANAM000009	Mounting System #1 for Day-Time Optics with 25.4-30 mm Objective Diameter
ANAM000010	Mounting System #2 for Day-Time Optics with 38-42 mm Objective Diameter
ANAM000011	Mounting System #3 for Day-Time Optics with 46.7-50 mm Objective Diameter
ANAM000012	Mounting System #4 for Day-Time Optics with 56-58.7 mm Objective Diameter
ANAM000013	Mounting System #6 for Day-Time Optics with 62 mm Objective Diameter
ANLE3X0008	3x Magnifier with Adapter # 54 for Apollo Pro MR 640 50mm
ANAM000045	Extended Rail Adapter #85

*Export regulations may apply, please see page 71.



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ENHANCED MOBILE APPLICATIONS

Maximize your Armasight PRO Series Thermal Imager experience with our new Enhanced Mobile Applications!

Armasight proudly unveils its new handheld mobile device applications for Android and iOS that significantly enhance the user experience of Armasight's –PRO series thermal imagers. These FREE applications allow hunters and others to pinpoint their position, their direction of aim and the geocoordinates (Geotagging) of the target when using Armasight's optional clip-on rangefinder using both terrain map or satellite map features on their respective mobile devices. Other key data displayed include shot counter for our latest imagers, battery status, compass, elevation, and default range. Additionally, these applications permit a user to select a tab for –PRO Series system level remote operations to change all functions normally reserved for the wireless remote via your cell phone in a very simple and intuitive graphic presentation. For Android users there is also the added benefit of importing Kestrel 4500 series weather station data directly to the mobile device. Access to these applications is easy and FREE through Google Play and the Apple Store. Download your copy today and start immediately enjoying the added benefits of Armasight's continued cutting edge development.

SUMMARY OF NEW FEATURES

- Ⓐ **Both iOS and Android application will work with all Pro Series of scopes purchased after November 15th, 2015. Older Pro scopes may have full, partial or no functionality with Apps**
- Ⓐ **Geotagging/Coordinates (displayed on mobile device and in FOV of the scope)**
- Ⓐ **Target Direction/Orientation on the Map**
- Ⓐ **Battery Capacity Indication**
- Ⓐ **Shot Counter**
- Ⓐ **Fully functional remote control shadowing all the functions of 5-button scope control:**
 - Reticle pattern and color selection
 - One shot Zeroing
 - Color Pallets Selection
 - E-Zoom
 - Screen Brightness
 - Instant Manual NUC calibration
 - Rifle Profile Selection
 - Other drop-down menu functions
- Ⓐ **Elevation**
- Ⓐ **Digital Compass**
- Ⓐ **Target Range (requires optional LRF)**
- Ⓐ **Target Coordinates (requires optional LRF)**
- Ⓐ **Additional data available for Android application only and in conjunction with Kestrel 4500 series weather stations with Bluetooth:**
 - Wind Direction (displayed on mobile device and in FOV of the scope).
 - Wind Speed (displayed on mobile device and in FOV of the scope).
 - Crosswind
 - Headwind
 - Ambient Temperature
 - Barometric Pressure
 - Humidity
 - Other weather station data



iOS

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HORUS



IOS ARMASIGHT
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APPLICATION

<https://itunes.apple.com/us/app/armasight/id1031287075?mt=8>



ANDROID ARMASIGHT
ENHANCED MOBILE
APPLICATION

<https://play.google.com/store/apps/details?id=com.armasight.app>

AMRF2200

Advanced Modular Range Finder

Advanced Modular Range Finder (AMRF) is designed to determine the exact distance between the observer and the target. Range finder can work with any scope, both optical and night vision or thermal. Measurement results are displayed on indicators (displays), which are built into the rangefinder. Using an optional cable rangefinder can also be connected to Night Vision Digital Scope. The results of measurement are displayed on indicators of rangefinder and in FOV of compatible carrying device.

The AMRF is a pulsed laser rangefinder, which makes a distance measurement using a laser beam. Semiconductor laser which generates emission at a wavelength of 905 nm is a source of a laser emission of the unit.

The range finder enables distance measurements to the object of interest in the range from 5 to 2000 m.

The mount system is designed to fit any Picatinny MIL-STD-1913 or Weaver weapon rail. Manufactured from aluminum alloy, it is lightweight and robust. An adjustable lever-cam clamping device ensures quick, easy, and reliable mounting and disassembly.

- Ⓐ **High Accuracy**
- Ⓐ **Wide range of measurement from 5 to 2000 m**
- Ⓐ **Built-in display**
- Ⓐ **Clicking mechanisms for boresight adjustment**
- Ⓐ **Fits any Picatinny MIL-STD-1913 and Weaver rail with an adjustable quick-detach mount**
- Ⓐ **Lightweight but durable high-impact plastic body**
- Ⓐ **Waterproof**

Distance measurement range, m	from 5 to 2000
Measurement precision, m	±1
Emission wavelength, nm:	
- instrument laser	905
- alignment laser	850
Maximum output power, mW:	
- instrument laser	0,9
- alignment laser	0,6±0,1
Emission divergence, mrad:	
- instrument laser	3,0 (30 sm on a distance of 100 m)
- alignment laser	0,5 (5 sm on a distance of 100 m)
Boresight Adjustment increment, mrad	0,5±0,05 (5 sm on a distance of 100m)
Weapon Mount type	Picatinny or Weaver rail
Power supply	Two CR123A lithium batteries (3,0 V)
Turn-on time, ms	90
Running time from a single battery package in a measuring mode, hrs, no less than	30
Current consumption, mA, no less than:	
- measuring mode	140
- alignment mode	50
- standby mode	30
Dimensions, mm / in	109×69×73 / 4.3×2.7×2.9
Weight without batteries, kg / lbs	0.32 / 0.7
Shock load proofness	700 g

Part NO.	Name
IALA00AMRF22001	AMRF2200 - Advanced Modular Range Finder for LRF Clip-On systems, PRO Line Digital and Thermal Devices (including Q14 and Apollo Mini)





DIRECT VIEW

AIM PRO AIM PRO-L

Advanced Integrated Mounts

The AIM PRO is the latest MIL-STD-810G-compliant evolution of the Armasight AIM. The AIM (Advanced Integrated Mount) presents a revolutionary new concept of Night Vision targeting. This Night Vision accessory allows the operator to convert the monocular into a weapon sight. The AIM is incorporated into a low-profile housing that has an integral MIL-STD-1913 Picatinny rail grabber mount on the underside, and a dovetail mount on the top. By mounting the AIM onto your rifle and fitting it with either a Night Vision monocular or AIM optional day optic, the AIM can be bore-sighted to your rifle; the operator can switch between day and night modes as required, without having to readjust.

Unlike conventional systems that require the Night Vision unit to be mounted behind a day optic, the AIM projects the reticle directly into the Night Vision monocular lens. In practice, what this means is that there is no longer a reduced field of view through the Night Vision device, or any shadowed area that is difficult to see through (caused by conventional red-dot sights optics or outer edges). A small "HUD"-type prism on the front of the AIM unit projects a 65MOA "Circle," as well as a single 3.2MOA center aiming "Dot," directly into the Night Vision lens.

The Armasight AIM PRO-L allows the user to mount a 3x Night Vision monocular directly onto their weapon for an extended shooting range.

The adaptability of the AIM PRO to virtually any Night Vision monocular inherently makes it a "critical need" item for all law enforcement and military personnel, hunters, and professional shooters.

- Ⓐ **Converts standard Night Vision monoculars into passive Night Vision weapon sights**
- Ⓐ **Rapid and easy target acquisition**
- Ⓐ **AIM eliminates the need for infrared laser or co-witnessed red dot sight**
- Ⓐ **No obstructing optics or parts in your field of view**
- Ⓐ **The only solution providing 100% full field of view**
- Ⓐ **Adjustable reticle brightness**
- Ⓐ **Optional 3.5x daytime aiming solution**
- Ⓐ **Fits any MIL-STD-1913 Picatinny or Weaver rails with adjustable, locking, quick-detach mount**

Model	AIM PRO	AIM PRO-L
"Circle with Dot" reticle size	65±2	65±2
Adjustment Precision Range (deg. of arc)	±1,5	±1,5
Reticle Illumination Adjustments	digital	digital
Levels of Reticle Brightness	11	11
Immersion	till 1 m for 30 minutes	till 1 m for 30 minutes
Overall Dimensions (mm/in)	169×87×42 / 6.6×3.4×1.6	270×87×42 / 1.6×3.4×1.6
Weight (g/oz)	180 / 6.3	252 / 8.9

Part NO.	Name
ANKI000032	AIM PRO - Advanced Integrated Mount Pro (converts NV monocular into a rifle scope)
ANKI000049	AIM PRO-L - Advanced Integrated Mount Pro Long (converts 3x NV monocular into a rifle scope)
ACCESSORIES	
ANKI000046	Adapter Ring #62 - Adapter Ring to attach NV monocular onto AIM-Pro and AIM-Pro-L
ANKI000048	AIM 3X Booster - Day-Time 3x Magnifier for AIM-Pro





MCS

Miniature Collimating Sight

The Armasight MCS (Miniature Collimating Sight) is a passive targeting micro LED collimating sight for rapid, "both-eyes open" target acquisition. The MCS is rugged, lightweight, and designed to mount onto a variety of existing magnified day optics as well as MIL-STD-1913 Picatinny and Weaver-style rails.

The Armasight MCS is the only sight on the market in its class that features a dual reticle pattern. The user can select a 3.5 MOA "Dot" reticle or 20 MOA "Ring" reticle pattern, depending on mission requirements. The MCS is compatible with Night Vision devices of all generations. Reticle intensity is regulated by an automatic brightness control sensor, which can also be overridden by the user to adjust the brightness mode as required.

The MCS is designed to significantly improve accuracy and efficiency of virtually any weapon, from handguns and pistols to assault rifles and light machine guns. The compact size and versatility of the MCS makes it an ideal secondary/back-up optical sight. Accurate and reliable, the Armasight MCS features 1.2 MOA/ click windage and 1.5 MOA/ click adjustments. A unique optical design allows for a parallax-free, "always on the center" reticle.

The unit is waterproof, and has been tested against salt, fog, dust, vibration, and significant drops. It has also been fired from a variety of firearms for thousands of rounds. The Armasight MCS complies with MIL-STD-810G requirements. The MCS features a unique pivot lens cover with anti-reflective coating, and works on a single, easy to replace CR2032 3V battery.

- Ⓐ **Tactile click stops for windage & elevation adjustments**
- Ⓐ **A switchable 3.5 MOA dot to 20 MOA ring reticle pattern**
- Ⓐ **Reticle automatic brightness control based on the target area brightness**
- Ⓐ **Rapid target acquisition**
- Ⓐ **True Night Vision compatible mode**
- Ⓐ **User configurable open or tube sight mode**
- Ⓐ **Riflescope-mounted or Weaver-mounted variations**
- Ⓐ **Battery change with no re-zeroing required**
- Ⓐ **Large heads-up display with wide field of view**
- Ⓐ **Parallax-free performance**
- Ⓐ **Submersible to 10m (33 ft.) of water**
- Ⓐ **Push button controls for reticle switching, manual override of auto brightness, Night Vision mode, and on/off function**
- Ⓐ **Anti-reflection coatings with lens cover to maintain covertness**
- Ⓐ **Limited Two-Year Warranty**

Magnification	1x (unity)
Exit Pupil (mm)	20x15
Interchangeable Reticle Pattern:	
- Dot (MOA)	3.5 (10 cm at 100 m)
- Circle (MOA)	20 (60 cm at 100 m)
Reticle Brightness Adjustment	Auto / Manual (MAX or MIN positions)
Waterproof	10m for 1 hour
Mounting System	for Picatinny Rail or for ACOG 4x32 (Trijicon) riflescope
Dimensions (mm/in):	
- ver. for Picatinny rail	48x40x47 / 1.9x1.6x1.8
- ver. for ACOG 4x32	48x44x52 / 1.9x1.7x2.0
Weight (g/oz)	65 / 2.3

Part NO.	Name
DAS01XX25MCSBLC	MCS Black Color
DAS01XX25MCSTAN	MCS Tan Color
DAS01XX25MCSBL2	MCS-QR Black Color with Quick-Release Mount
DAS01XX25MCSTA2	MCS-QR Tan Color with Quick-Release Mount
ACCESSORIES	
ADKI3X0001	TIME-3X - 3x Magnifier with 1.49"/37.8 mm Optical Height with QR Mount (works with Armasight MCS, All AimPoint and EOTech Models)
ANAM000017	Riser 1.5 #55 for MCS



ILLUMINATORS AND LASER SYSTEMS



DRAKOS

Multi-Spectral Laser Aiming/ Illumination Device

The Armasight Drakos is the new series of an innovative, rugged, multi-spectral Class I near-infrared and visible/ near-infrared laser aiming devices. It is designed to mount via a locking quick-release MIL-STD-1913 rail grabber, onto a variety of kinetic weapons for day, low-light, and nighttime targeting. The Drakos is equipped with a wireless remote control; the laser operates on either a single CR123A 3V lithium or AA 1.5V battery, and the battery compartment adapter comes standard, which provides more than two thousand two-second activations of the lasers. The Drakos series is designed to withstand kinetic recoil of 0.50 caliber and .338 caliber Lapua ammunition, and is MIL-STD-810G compliant. The Armasight Drakos' performance level, along with its adaptability to virtually any Night Vision device, inherently makes it a "critical need" item for all law enforcement professionals, military personnel, hunters, and professional shooters.

- Ⓐ **Tactile click stops for windage & elevation adjustments**
- Ⓐ **Rapid active target acquisition**
- Ⓐ **True Night Vision compatible mode**
- Ⓐ **Utilizes single CR123A lithium battery or AA Alkaline, adapter included**
- Ⓐ **Aiming lasers are co-boresighted**
- Ⓐ **Will not cause damage to eyes**
- Ⓐ **MIL-STD-810G compliant**
- Ⓐ **Limited Two-Year Warranty**



Model	Drakos	Drakos-I	Drakos-II
Wavelength (nm)	850	850 / 850	850 / 650
Laser Output Power, max (mW)	0.7	0.7	0.7 / 0.9
Operating Distance (m)	800	800	800 / 200
Aiming Dot Size (mm at 100m)	50	50	50
Overall Dimensions (mm/in)	110x67x39 / 4.3x2.6x1.5	110x67x39 / 4.3x2.6x1.5	110x67x39 / 4.3x2.6x1.5
Weight (g/oz)	198 / 7	220 / 7	220 / 7.7

Part NO.	Name
IAIR000LP000001	Drakos – IR Laser Pointer Class I with Quick-Release Mount and Wireless Remote Control
IAIR001LP000001	Drakos-I – Dual Channel: IR 850 Laser Pointer Class I & IR LED 850 Illuminator with Quick-Release Mount and Wireless Remote Control
IAIR002LP000001	Drakos-II – Dual Channel: IR 850 Laser Pointer Class I & Visible Red Laser Pointer Class II with Quick-Release Mount and Wireless Remote Control

T-MAIM

Tactical Multispectral Aiming/ Illumination Module

The T-MAIM Tactical Multispectral Aiming and Illumination Module is a CLASS IIIb laser that consists of a visible aiming laser, a near-infrared (near-IR) aiming laser, and a focusable near-IR Illuminator. The function of the T-MAIM is to provide an operator with highly collimated aiming lasers for precision aiming and targeting both with the naked eye in low light conditions and with image intensified Night Vision devices in nighttime applications. The focusable near-IR Illuminator provides the user with the ability to flood the area of interest with invisible near infrared light.

The T-MAIM can be operated in a variety of modes with single lasers or multiple lasers concurrently. The visible and near-IR aiming lasers can be boresighted to the weapon using unique ballistic differential adjustment ports using the onboard tool. The output power of the T-MAIM can be adjusted from approximately 100µW to 25mW electronically across 256 discrete intervals. Additionally, the aiming lasers can be operated via a user-chosen switch, in either a constant wave or 4Hz pulsed mode. The lasers can be activated either by remote switch assembly or through an integral "FIRE" button on the main housing. In the interest of safety for force-on-force training, the T-MAIM can be outfitted with an included blue colored SAFETY remote cable that acts as an interlock to keep both the remote switch and the "FIRE" button limited to eye-safe laser conditions emitting at less than 600µW. A full feature black tactical remote switch assembly can be connected to the unit to provide access to the full range of power. Additional safety features include: laser "ON" indicator when in use; low battery indicator; and, a SAFETY indicator when the appropriate remote switch is installed.

Depending on the laser mode selected, the T-MAIM can be used either with the naked eye in low light conditions, or with image intensified Night Vision devices in dark environments. The T-MAIM can be used in either a handheld mode with the operator activating the "FIRE" button, or in a weapon-mounted configuration using the integrated MIL-STD-1913 rail grabber assembly on the unit.

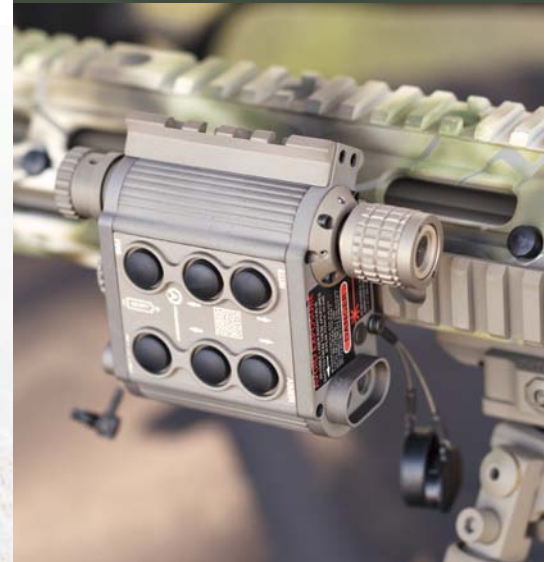
The T-MAIM is also equipped with a MIL-STD-1913 rail set at the 10 o'clock position, which allows the operator to attach a tactical flashlight or navigation light to provide illumination in low light conditions.

- Ⓐ **Rapid active target acquisition**
- Ⓐ **True night vision compatible mode**
- Ⓐ **Adjustable output power**
- Ⓐ **User selectable constant wave or pulsed modes of aiming lasers**
- Ⓐ **Two tactical remote switches (including SAFETY remote switch)**
- Ⓐ **Aiming lasers are co-boresighted**
- Ⓐ **Unique ballistic differential adjustment ports**
- Ⓐ **MIL-STD-810G compliant**
- Ⓐ **Limited two-year warranty**

Specifications	IR Laser	Visible Laser	IR Illuminator
Class	IIIa (Low), IIIb (High)	IIIa	IIIb
Output Power	50uW (Low), 25mW (High)	4.0 mW	500uW (Low), 25mW (High)
Divergence	0.5 mRad	0.5 mRad	1-108 mRad
Wavelength	820nm – 850nm	605nm – 665nm	820nm – 850nm
Operating Distance	>200 Meters (Low), 2,000 Meters (High)	>25 Meters in Direct Sunlight	>100 Meters (Low), 2,000 Meters (High)
Power	One (1) 1.5VDC AA Battery		
Battery Life	>6 hours in near-IR Aim Mode		
Dimensions	106x81x48 mm / 4.2x3.2x1.9 in		
Weight (w/o battery)	200 g / 7 oz		
Waterproof	20 Meters for One Hour		

Part NO.	Name
IAIR00RLPTMAIMB	T-MAIM Black - Tactical Multi-spectral Aiming and Illumination Module (color Black)
IAIR00RLPTMAIMT	T-MAIM Tan - Tactical Multi-spectral Aiming and Illumination Module (color Tan)

*Export regulations may apply, please see page 71.





XLR-IR850

Long-Range Infrared Illuminator

Armasight XLR-IR850 extra long-range infrared illuminator provides greater, image-intensified viewing capabilities for operations in little to no ambient light.

Infrared illuminators are used in areas where the level of natural light is not sufficient. An IR illuminator provides near-infrared light, which, although invisible to the naked eye, can greatly enhance the performance of Night Vision devices. The illuminator features adjustments for field-of-view divergence and output power. Armasight long-range IR illuminators significantly extend the capabilities of Night Vision weapon sights and observation devices.

The powerful XLR-IR850 model comes standard equipped with a rechargeable battery and charger unit. An Optional A-Focal Doubler for XLR-IR850 doubles the distance of IR beam for ultra long-distance observation.

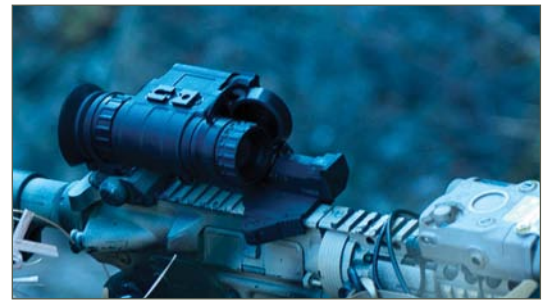
Our infrared illuminators provide wide-range beam angle adjustment, which drastically improves the performance of the IR illuminator and extends the user's nighttime visibility range.

- Ⓐ **Powerful, Long-Range Infrared Illuminator**
- Ⓐ **High Power, IR-emitting Diode**
- Ⓐ **Power Adjustment**
- Ⓐ **Wide-Range Beam Angle Adjustment**
- Ⓐ **Precise adjustment of beam direction**
- Ⓐ **Invisible to the human eye**
- Ⓐ **Eye safe**
- Ⓐ **Lightweight and rugged**
- Ⓐ **Ideal for extreme, low-light conditions**
- Ⓐ **Can be mounted on the Weaver rail or used as a handheld device**
- Ⓐ **Optional Afocal Doubler for ultra long-distance observation**
- Ⓐ **Limited Two-Year Warranty**



IR Emitter Type	LED
Power	1,000 mW
Peak Wavelength:	850 nm
Compatible Night Vision Devices:	Gen 1, CORE, Gen2, Gen 3, Digital
Illumination Range	Up to 1,000 m
Divergence	4° to 35°
Power Supply	Single 18650 (3.7v) Rechargeable Battery
Battery Life at 20 °C (68 °F)	Up to 10 hr (1/4 Power)
Overall Dimensions (w/o Mount)	150x46x46 mm / 5.9x1.8x1.8 in
Weight (w/o Mount and Battery)	210 g / 7.4 oz

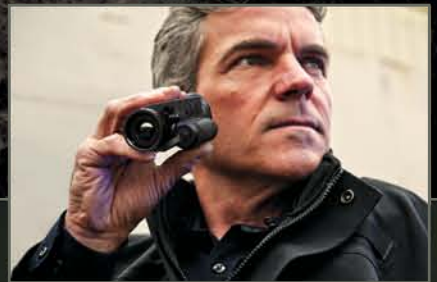
Part NO.	Name
IAIR850IR000003	XLR-IR850 Detachable X-Long Range Infrared Illuminator, Rechargeable Battery, and Charger
ANAF18XXLR	XLR-IR850 A-Focal Doubler - Enhances performance of XLR-IR850
ACCESSORIES	
ANRA000001	Dovetail#21 - Weaver Transfer Piece to attach IR Illuminator
ANAM000182	Riser for IR-XLR850 (20 mm) #182
ANAM000181	Riser for IR-XLR850 (30 mm) #181
ANAM000180	Riser for IR-XLR850 (40 mm) #180



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