

THERMAL MONOCULARS - THERMAL WEAPON SIGHTS



OBSERVE

SURVEIL











IR PATROL M250

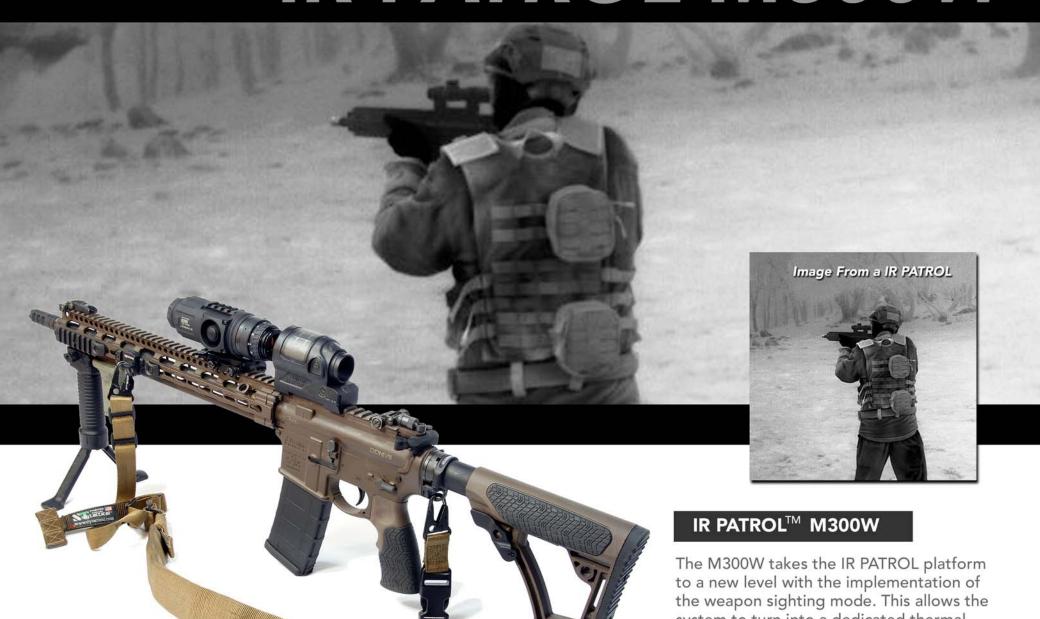
IR PATROLT



IR PATROL™ IN USE.....

As seen in the images above the IR Defense thermal systems are outperformaning Night Vision on even a full moon night. Because of this high resolution thermal imagery is an absolute necessity for law enforcement. At the heart of the IR PATROL monocular is a twelve micron, 640x480 resolution BAE thermal core. Images taken by the core are displayed on an integrated super contrast OLED display. This advanced technology provides military and law enforcement officers one of the best images vailable in a hand held thermal device.

IR PATROL M300W



The M300W takes the IR PATROL platform to a new level with the implementation of the weapon sighting mode. This allows the system to turn into a dedicated thermal weapon sight that is ideal for mounting on M4 style rifle. If you already have a day optic sighted in the M300W should be able to be placed in front and used as a Clip-On device.





ADVANCED THERMAL MONOCULAR

FULLY DIGITAL ARCHITECTURE

We went the extra mile to make the IR PATROL the highest quality system at an affordable price. Our goals were to make the perfect mix of technology, ergonomics, tactical design and high performance of which we believe we have surpassed. The system with all its advanced capabilities and accessories will fit your budget and your requirments.

IR PATROL

640x480 THERMAL MONOCULAR

Sensor Type	BAE Uncooled VOx LWIR
Thermal Sensitivity	y <50mk
Sensor Resolution	640 x 480
Sensor Pitch	12um (micron)
Frame Rate	60hz M250 M300W / 30hz LE100 LE100C
Spectral Responce	8 - 12um
Display	Monochrome Emagin OLED 640x480
Basic Features	E-Zoom, Polarity, DFC
Advanced Feature	s DCE - Edge Detection Mode
Start Up Time	>4 Seconds
Battery Type	1 each CR123 / 2 each with Adapter
Battery Life 1 ea	ch - 2.5 Hours @ 30hz / 2 each - 4 Hours @ 30hz
Weight	454g
Dimensions	5.95" L x 2.0" H x 2.95" W LE100/LE100C
Diopter	-6 / +4
Eye Relief	27mm
Environmental	-40c to +55c Operating / -45c to +75c Storage
Video Output	Analog RS-170 (with Optional Cable)





Modular by Design.....

WILCOX MODULAR BY DESIGN

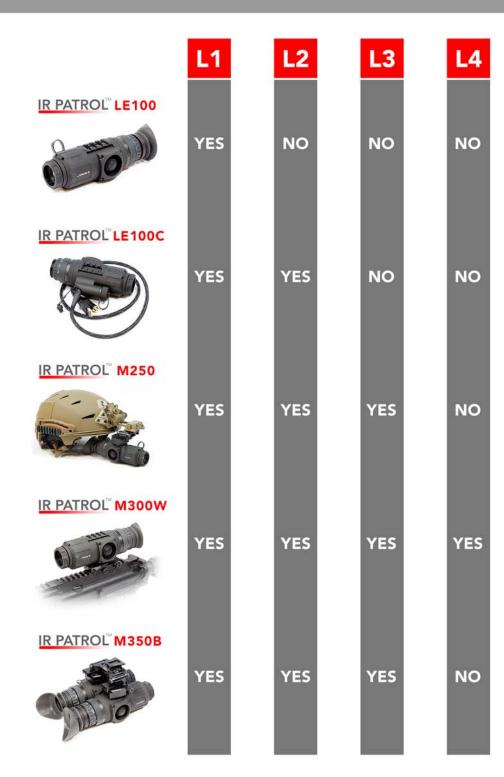
The M250 and M300W systems come with an integrated Wilcox shoe interface, permitting use with numerous Wilcox mounting solutions. Helmet mounted with a Wilcox G24 mount the IR patrol provides a tactical advantage for both law enforcement and military users.



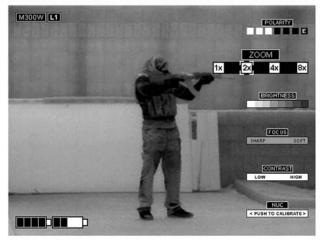
The IR PATROL™ M300W is a mini weapon mountable system that works as a dedicated or Clip-On thermal weapon sight. When the monocular is not in use, the Wilcox Side-Flip Mount conveniently flips the monocular out of the way to not obstruct your day sight.

- Tactical Reticle
- Clip-On Mode
- Side-Flip Mount

System	Model No.	Resolution	Frame Rate	Magnification	Image Capture	Shoe Interface	Reticle System
IR PATROL [™] LE100	IRP-LE100	640×480	30HZ	1x - 22° Field of View	No	No	No
IR PATROL LE100C	IRP-LE100C	640×480	30HZ	1x - 22° Field of View	80 Images	No	No
IR PATROL™250	IRP-M250	640x480	60HZ	1x - 22° Field of View	80 Images	Yes	No
IR PATROL™300W	IRP-M300W	640x480	60HZ	1x - 22° Field of View	80 Images	Yes	Yes
IR PATROL™M350B	IRP-M350B	640×480	60HZ	1x - 22° Field of View	80 Images	Yes	No



L1 OPERATING SYSTEM Level 1 Basic Functions and Controls



POLARITY - Controls the MaxPol feature for 3 white hot and 3 black hot polarity modes. In the M250 and M300W it also has the Edge Detect.

E-ZOOM - Turns on the digital zoom function enabling digital magnification of 2x, 4x and 8x. Each increase in Electronic Zoom reduces the system resolution.

BRIGHTNESS - Controls the brightness level of the display.

DFC - Sets the Digital Focus Control which will soften or sharpen the image. This feature pulls details out in the image but too much DFC can also increase the noise levels of the image.

DCE - Controls the Digital Contrast Enhancment feature which is used with the DFC to help improve the image quality. This feature when used will make the black and white stand out more.

NUC - When selected it will apply a "NUC" or Non-Uniformity Calibration to improve the image quality.

OPERATING SYSTEM Level 2 Image Capture Controls



CAPTURE IMAGE - When selected it will allow an image to be captured with the thumb stick controller. Up to 99 images can be captured and saved before the memory is used.

REVIEW IMAGES - When this mode is active the user can scroll through the saved images to view them. The user also can apply the Maxpol, DFC and DCE features to any saved image.

DELETE IMAGES - Activating the Delete images will only erase all stored images. The only way to erase individual images is with the PC Software and the download cable.

DOWNLOAD MODE - The IR PATROL images are set to the systems current settings when they are downloaded. This feature sets the system to a factory optimized setting for image download.

OPERATING SYSTEM Level 3 Configuration Settings



FRAME RATE - Controls the Frame Rate setting to select 60hz or 30hz power save mode. This is only available in the M250 and M300W, the LE100 and LE100C only are available in 30hz.

VIDEO OUTPUT- Turns on the video output signal so that a video output cable can be connected.

START-UP SETTINGS - Lets the user decide if the system is to recall the last settings or if it comes on as factory default on power up.

SLEEP MODE - This setting lets the user select how many seconds until the icons disappear on the display. 8, 15 and "OFF" are the selections.

AUTO DIMMER - Sets the auto dimming feature on the display to slowly decrease the brightness level over 30 minutes to limit eye fatigue.

ICON FLIP - When selected it will invert all of the icons on the display so that the unit can be used upside down.

OPERATING SYSTEM Level 4 Weapon Sight Controls



SIGHTING MODE - This setting changes the system from a Monocular/Viewer to a weapon sight. This setting has four positions that are for Viewer, Reticle (dedicated mode) or Clip-On and Zoom Center for Clip-on alignment.

RETICLE LOCK - Needs to be selected in order to unlock the reticle to adjust zero. This is used as a safety device so that the zero position is not adjusted accidentally.

ELEVATION ZERO - When active it will allow the user to zero the scope with the thumb controller moving the reticle up and down.

WINDAGE ZERO - When active it will allow the user to zero the scope with the thumb controller moving the reticle left and right.







IR PATROL™ LE100 HAND-HELD MODEL

640x480 High Performance







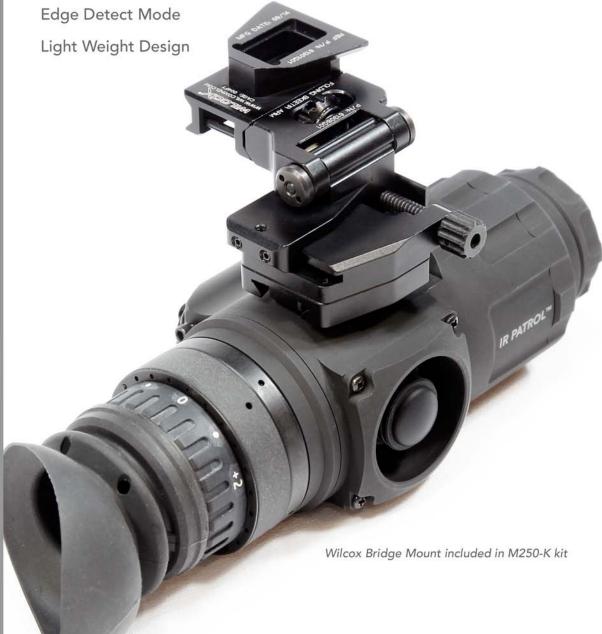




IR PATROL™ M250 HELMET MOUNTED MODEL

Wilcox Interface Shoe

60hz High Speed Frame Rate











IR PATROL™ M300W WEAPON MOUNTED MODEL

Fully Adjustable Reticle System

CLIP-ON Mode Included

*Optional Wilcox Side Flip Mount

Mini Thermal Weapon Sight











IR PATROL™ M350B BINOCULAR MODEL

True Dual Thermal System (Stereoscopic Vision)

Wilcox Dual Bridge Mount

External Battery Pack

Slaved Unit (Single Controller)

SPECIAL ORDER ONLY







OBSERVE





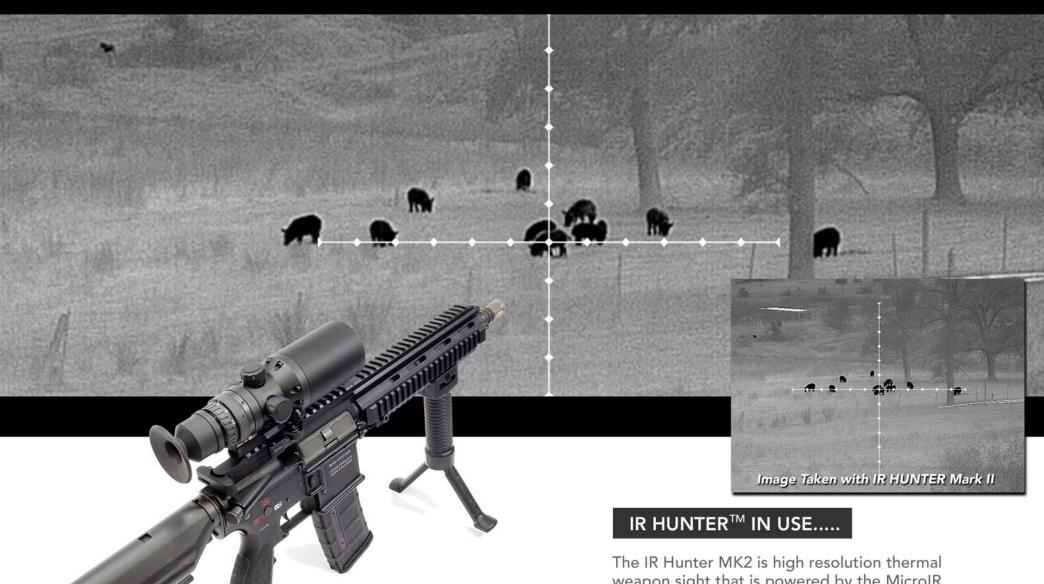






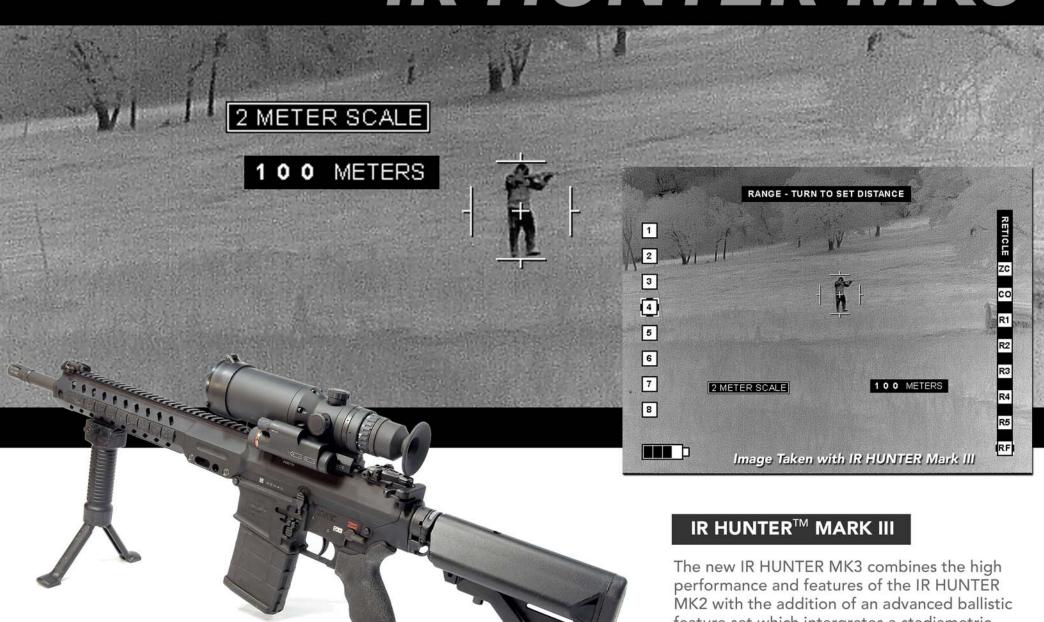
IR HUNTER MK2

IR HUNTER MARK II
THERMAL WEAPON SIGHT



The IR Hunter MK2 is high resolution thermal weapon sight that is powered by the MicroIR thermal core from BAE. The core features a 12 micron, 640x480 sensor that is matched pixel to pixel with a Emagin OLED display giving it the best image possible. As seen above that even when the image is enlarged it still remains clear with clarity and detail that enables identification.

IR HUNTER MK3



IR HUNTER MARK III

The new IR HUNTER MK3 combines the high performance and features of the IR HUNTER MK2 with the addition of an advanced ballistic feature set which intergrates a stadiametric Range Finder, advanced reticle features, and a Dual LaRue Throw Lever Mount. All theses new features make MK3 the most lethal thermal weapon sight on the market.

INTRO IR PATROL IR HUNTER SYSTEM FEATURES ACCESSORIES





ADVANCED THERMAL WEAPON SIGHT

FULLY DIGITAL ARCHITECTURE

We went the extra mile to make the IR HUNTER the highest quality system at an affordable price. Our goals were to make the perfect mix of technology, ergonomics, tactical design and high performance of which we believe we have surpassed. The system with all its advanced capabilities and accessories will fit your budget and your requirments.



IR HUNTER SYSTEM	1 SPECIFICATIONS			
Sensor Type	BAE Uncooled VOx LWIR			
Thermal Sensitivity	<50mk			
Sensor Resolution	640 x 480			
Sensor Pitch	12um (micron)			
Frame Rate	60hz / 30hz Selectable			
Spectral Responce	8 - 12um			
Display	Monochrome Emagin OLED 640x480			
Basic Features	E-Zoom, Polarity, DFC			
Advanced Features	DCE - Edge Detection Mode			
Start Up Time	>4 Seconds			
Battery Type 2 each CR123 / 3 each with Adapte				
Battery Life 2 each -	4.5 Hours @ 30hz / 3 each - 7 Hours @ 30hz			
Weight	825g 20mm / 990g 35mm			
Dimensions	6.5" L x 2.9" H x 3.1" W 20mm 7.5" L x 2.9" H x 3.1" W 35mm			
Diopter	-6 / +4			
Eye Relief	27mm			
Environmental -40	c to +55c Operating / -45c to +75c Storage			
Video Output	Analog RS-170 (with Optional Cable)			



PERFORMANCE - PRECISION - PERFECTION

The IR HUNTER combines the performance of a military thermal sight with the precision of a high end rifle scope. Never before has there been a thermal sight that is so easy and intuitive to use with so many options and features. The best way for us to show you how good the IR HUNTER works is to put it next to the competition.





Tactical by Design.....

Engineered to be balanced on your weapon system this state of the art Thermal Sighting platform is ready to rock. From its unmatched image to the tactical turret knobs this is the one. A truly affordable, precision optical device that operates 24-7 all year round.



The IR HUNTER[™] is not just your everyday thermal sight, it can easily convert into a Clip-On thermal sight.

- Built-In Alignment Software
- Operation is Simple
- Easy to Switch Modes
- Best of Both Worlds
- Ask about recommended optics

THERMAL WEAPON SIGHT CLIP-ON MODE

Included Feature



THERMAL WEAPON SIGHT ONE-SHOT ZERO

Included Feature

System	Model No.	Resolution	Objective Lens	Display	Base Magnification	Digital Magnification
IR HUNTER MARK II	IRHM2-640-20	640×480	19mm f/1.1	640x480	1.5x - 22.4° Field of View	12x - 2.8° Field of View
IR HUNTER MARK II	IRHM2-640-35	640×480	35mm f/1.2	640x480	2.5x - 12.4° Field of View	20x - 1.5° Field of View
IR HUNTER MARK III	IRHM3-640-35	640x480	35mm f/1.2	640×480	2.5x - 12.4° Field of View	20x - 1.5° Field of View







IR HUNTER MARK II 20MM

High Performance Optics

1.5x Optical / 12x Digital

22° Field of View

Turret Adjustment Knobs

Advanced Thermal Core

Full Digital Display



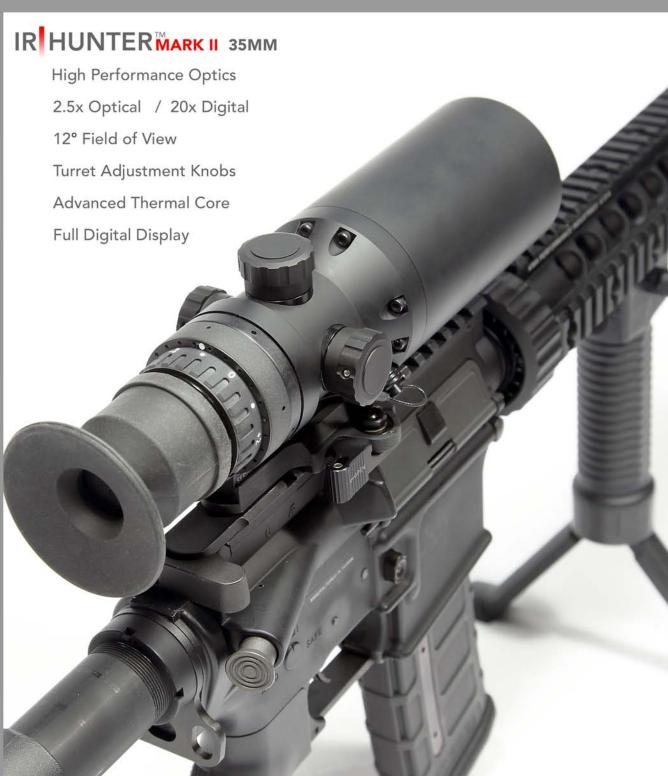




























CLIP-ON FEATURE

Include on all MKII and MKIII systems

Advanced Software Allows Dual Mode Use

Works as Both a Clip-ON and Dedicated Sight

Clip-On Mode works only with Approved Day Optics

E-Z User Calibration Interface

Accuracy Enhanced Design means No Special Optics Required





INTELLIGENT RETICLES

The IR Hunter uses its processing power to deliver precion sighting reticles.

MOA Calibrated

Works the Same as First Focal Plane

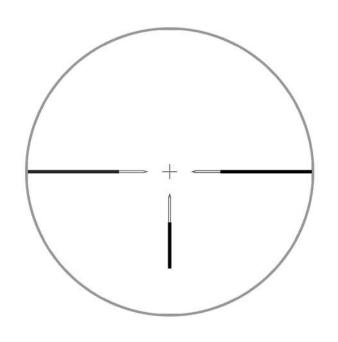
Selectable Reticles

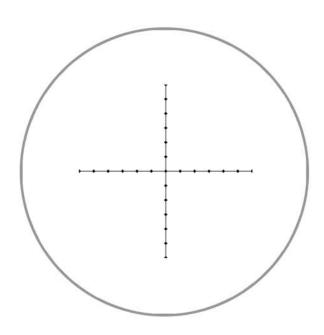
Intelligent Auto-Contrast

LEARN MORE - HD Looking Reticles

We generate our reticles so that they are 1:1 to the pixels in the display so our reticles are ultra crisp and detailed. Many companies generate the reticles using the processor of the thermal engine and you will notice that when the image is sent to the display it is not a 1:1 pixel ration so the reticles will appear blurred.

OUR WEAPON RECOIL MACHINE

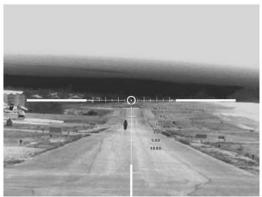






Model No.	Lens Size	Zoom Level	Sensor	Field of View	Pixel Per MOA	MOA Per Pixel
IRHM2-640-19	19mm	1x	640×480	22.4°	0.5	2.1
IRHM2-640-35	35mm	2x	640×480	6.2°	1.7	0.6
IRHM3-640-35	35mm	2x	640×480	6.2°	1.7	0.6





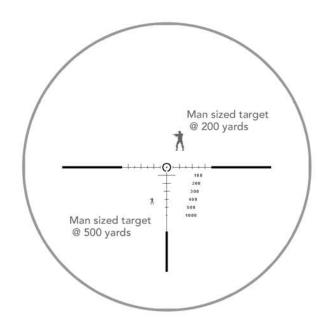


2X ZOOM

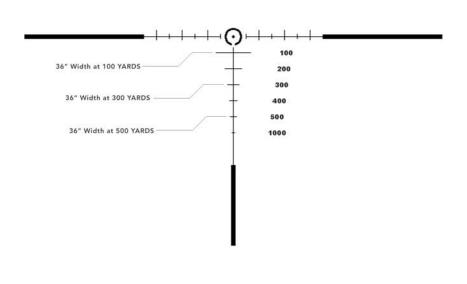
4X ZOOM

TSR - THERMAL SUBTENSION RETICLE

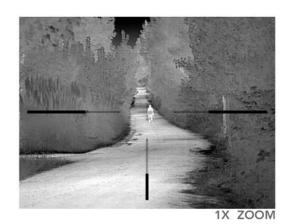
For shooting at extended distances the TSR reticle provides some basic ranging data for the user. The width for each of the elevation marks is based at 36" wide for the distance readout in yards to the right of the mark. As you zoom in the reticle works the same as a first focal plane sight where the reticle scales as you zoom. It is just that easy.



RETICLE SUBTENSIONS



Please Note - All Images are 100% taken with the IR Hunter System and are actual images.





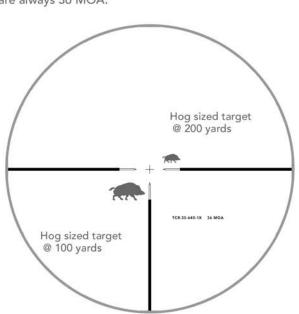


2X ZOOM

4X ZOOM

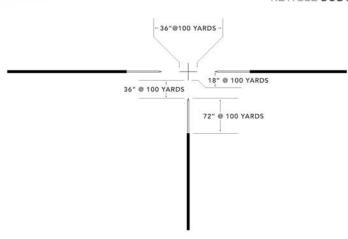
TCR - THERMAL COMBAT RETICLE

One of the easiest reticles to use is our TCR Thermal Combat Reticle that is a simple crosshair in the center. The width of the crosshair is always 36 MOA or 36" at 100 yards. Half of the crosshair is 18 MOA which is the width of a man at 100 yards. If a man sized target is the height of the crosshair then he will be 200 yards out. As you zoom the reticle also zooms so you are always 36 MOA.

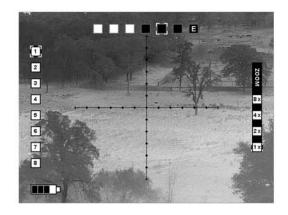


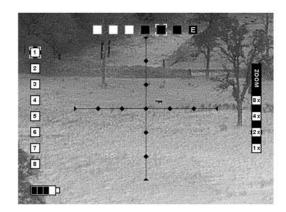


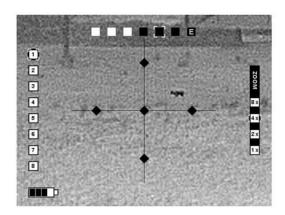
RETICLE SUBTENSIONS



Please Note - All Images are 100% taken with the IR Hunter System and are actual images.

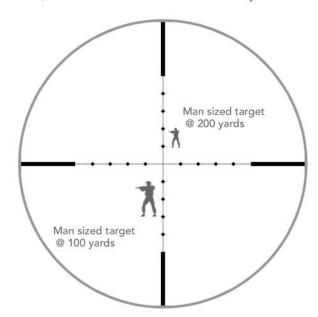


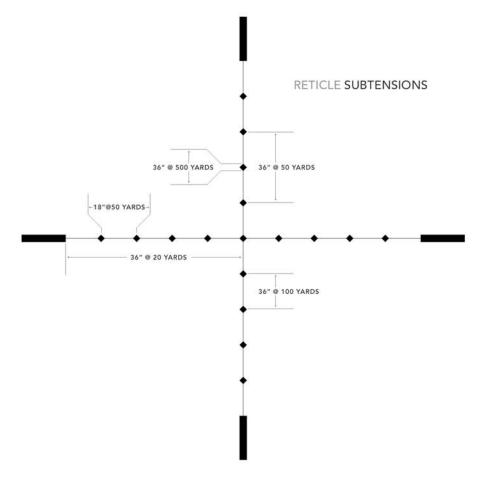




TDR - THERMAL DOT RETICLE

The IR HUNTER along with other thermal weapon sights is primarily used at night and with lower magnifications then standard day optics. Because of this the engagment ranges at night are much shorter. To deal with this the IR HUNTER uses a DOT reticle system similar to the MII DOT but instead of each dot representing 1000:1 our system is calibrated at 100:1, so the distance between dots is 100 yards.





Please Note - All Images are 100% taken with the IR Hunter System and are actual images.

THERMAL SENSOR

The eye of the IR PATROL using military technology to detect the slightest temperature difference.

The IR Patrol ™ utilizes the MicroIR thermal core from BAE Systems. Featuring a 12um (Micron) detector, the core delivers high performance, clean 640x480 imagery at an outstanding 60hz frame rate.

12um MICRON

LWIR (Long Wave Infra-Red)

Uncooled Technology

*60hz High Speed Frame Rate

VOx (Vanadium Oxide)

High Sensitivity

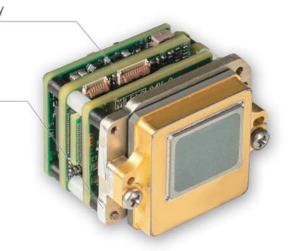
BAE SYSTEMS

Miniaturized Circuitry

Longer Battery Life

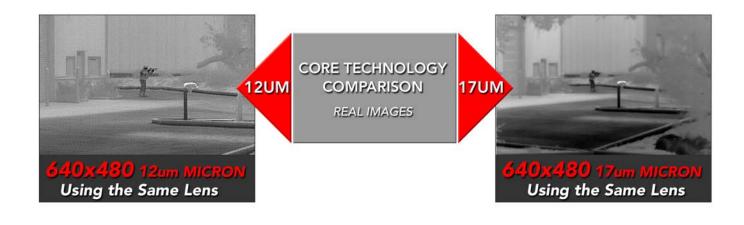
Integral Heat Sync

For Thermal Stability

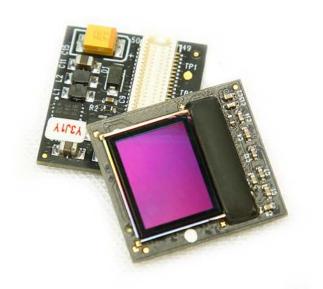


*M250 and M300W only - the LE100 and LE100C are only 30hz.

Sensor	Туре	Spectral Band	Native Resolution	Micron Pitch	Sensitivity
640x480 MicroIR	VOx	7.5 - 13.5 µm	640 x 480 pixels	12 µm	<50 mK at f/1.0



MICRO DISPLAY

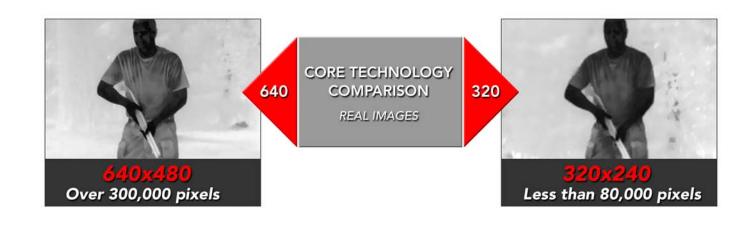


IDENTIFY.... DETECT....

The IR Patrol™ offers unsurpassed image clarity and detail because of its 1:1 pixel to pixel ratio (sensor to display). Many thermal systems on the market upscale or downscale their imagery, and in the process, lose detail.



Display	Display Type	Resolution	Color	Gray Levels	Contrast	Rate	Pitch
EMAGIN	OLED	VGA 640x480	30 Bit	256	10,000:1	60hz	15 µm



GERMANIUM LENS

The IR Hunter uses only the best materials in the objective lens assemblies.

Protective Window

DLC Hard Carbon Coated

AR Coated Germanium Lenses

Thermally Stabilized

High Environmental Durabiliy

Shock resistant









Lens Size	Speed	Lens Type	640x480 12um MICRON	2X zoom - Equals 320x240	4X zoom - Equals 160x120
19mm	F/1.1	Athermalized	22.4° FOV Horizontal	11.2° FOV Horizontal	5.6° FOV Horizontal
35mm	F/1.2	Athermalized	12.4° FOV Horizontal	6.2° FOV Horizontal	3.1° FOV Horizontal

Please Note - All Images are 100% taken with the IR Hunter MKII System and are actual images and not touched up.



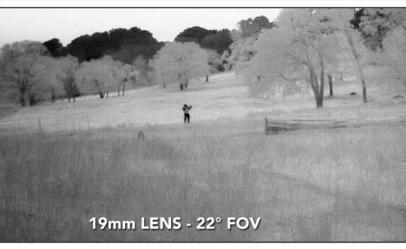


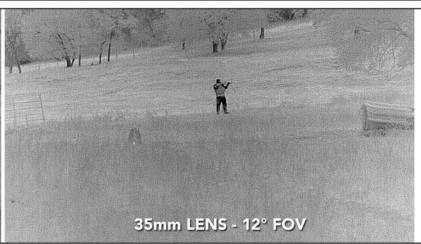
50 YARDS

640x480 Sensor

12um MICRON

Man Size Target 50 Yards



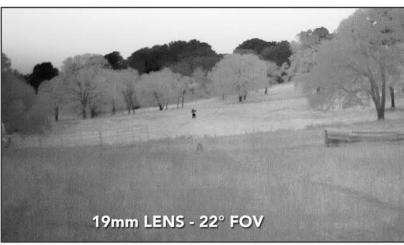


100 YARDS

640x480 Sensor

12um MICRON

Man Size Target 100 Yards





200 YARDS

640x480 Sensor

12um MICRON

Man Size Target 200 Yards

MICRON PITCH

Advanced Technology

Most thermal sights on the market today feature 17 micron cores and 5 years ago 25 micron was the standard. We are focused on tomorrow bringing you 12 micron core technology.

What this means is that you get more magnification using the same identical lens, about 50% more. To prove this we took a 35mm lens and attached it to 12, 17 and 25 micron cores providing the images below to show you exactly the difference between the different technologies and just what Micron Pitch can do for you.



640x480 at 2x Zoom showing 320 x 240 12um MICRON 35mm Lens

System Magnification 6° FOV

IR HUNTER MARK II



Image taken with 640 x 480 Sensor 12um MICRON 35mm Lens

System Magnification 12° FOV

IR HUNTER MARK II



Image taken with 320 x 240 Sensor 17um MICRON 35mm Lens

System Magnification 9° FOV



Image taken with 640 x 480 Sensor 17um MICRON 35mm Lens

System Magnification 17° FOV



Image taken with 320 x 240 Sensor 25um MICRON 35mm Lens

System Magnification 12° FOV

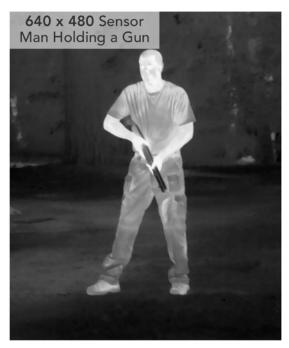












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ETR ENHANCED TARGET RECOGNITION

INCREASED TARGETING

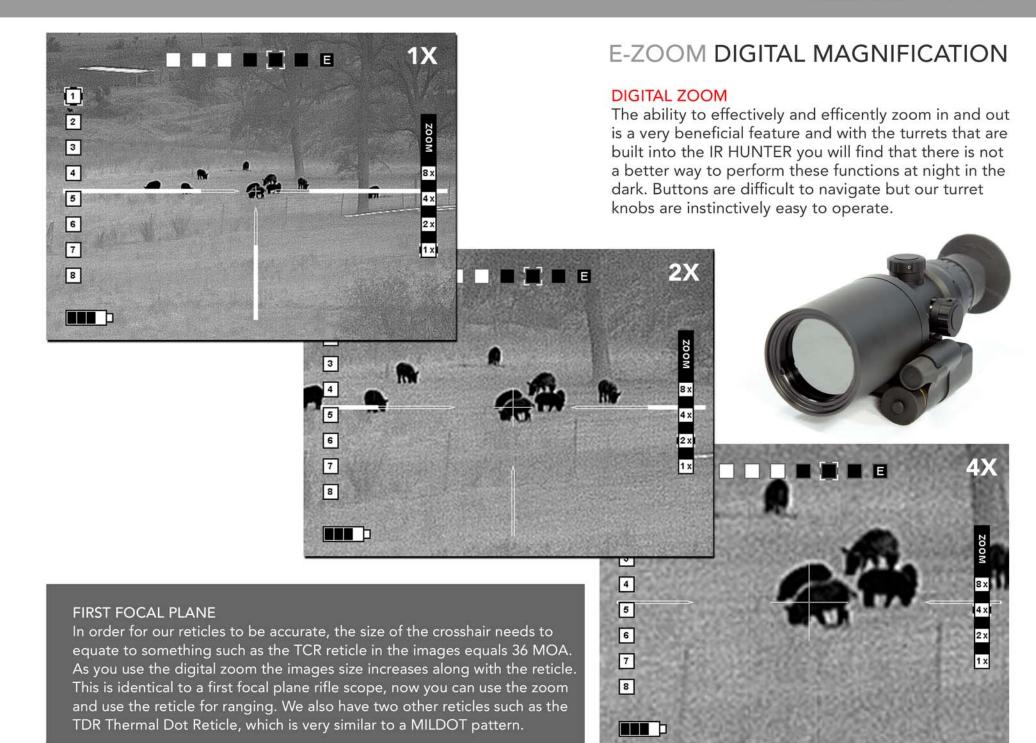
Enhanced Target Recognition is a capital feature of the IR HUNTER! While using other thermal scopes, important imagery is often washed out against the sky and horizon even with the use of frequent recalibrations. The IR HUNTERS ETR focuses it's processing power on your target, resulting with enhanced precisely detailed target images. This mean more hits for the shooter.

LEARN MORE - ETR

Scene wash out occurs when the horizon has a lot of sky behind the target resulting in a large difference in temperature. The thermal system has to divide this difference into shades of gray and there are only so many available. The ETR tells the sensor to perform its auto calibration within the brackets which will have a smaller temperature difference giving you more detail on the target area.







MAXPOL MULTI POLARITY CONTROL

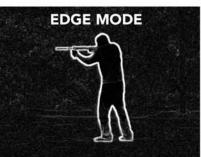
ADVANCED POLARITY MODE

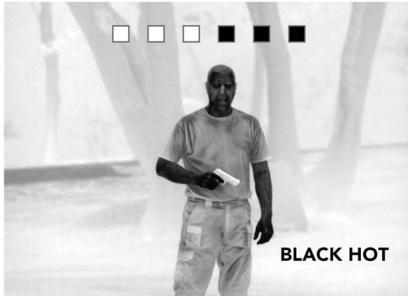
Most thermal sights have one choice for black-hot/white-hot commonly referred to as polarity. The IR Patrol™ has MaxPol technology. Multi-polarity control provides three modes of white and black-hot allowing the user to better bring out the target or the background depending on conditions.

EDGE DETECT - Not available on LE100 /LE100C models

The seventh mode of polarity is edge detect which allows the user to better identify targets at a distance. Its unique trace-outline image provides additional perspective for any thermal image viewed.





















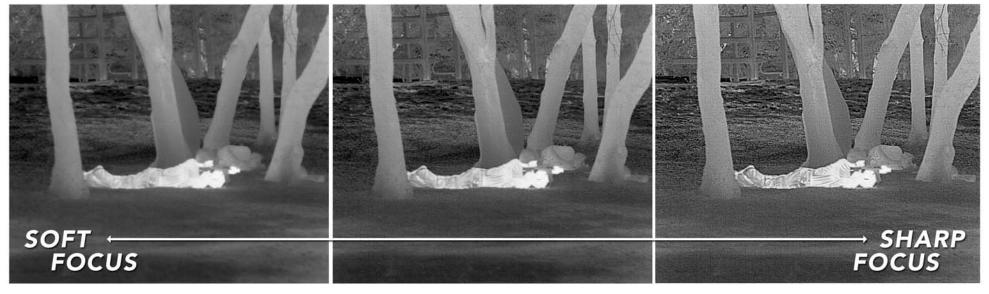
Please Note - All Images are taken with the IR Hunter and IR Patrol Systems and are actual images.



DFC DIGITAL FOCUS CONTROL

DIGITAL IMAGE ENHANCEMENT

Providing the user many tools to refine an image was a goal during IR Patrol's design. Digital Focus Control (DCF) is one such tool. DCF control is quick and easy to use. The DCF feature will help the user better define the images viewed through the IR Patrol™.



Please Note - All Images are 100% taken with the IR HUNTER and IR PATROL Systems.

Identifying a target is the most important job of any thermal viewer. The IR Patrol™ finishes the job with DFC Control. This feature takes a great image to the next level. Finer detail, more contrast, and greater depth are simply achieved with a toggle and press of the joystick.

MAGNIFIER LENSES The IR PATROL can accept these Afocal Magnifier Lenses for increased magnification.

DLC Hard Carbon Coated

AR Coated Germanium Lenses

High Environmental Durabiliy

Shock resistant

Easy to Add or Remove

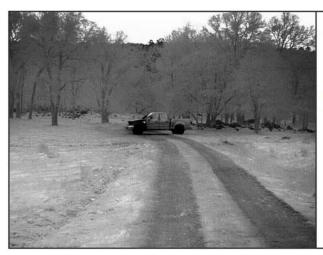


Magnification when you need it.

The standard 1x lens on the IR PatrolTM is optimum for head mounted operation. It provides a wide field of view, increasing awareness and reaction time. With a simple twist of an attachment clamp, the IR PatrolTM quickly becomes a 3x thermal viewer with the capability to provide long range reconnaissance.



Specification	640x480 without Magnifier	640x480 with 2x Magnifier	640x480 with 3x Magnifier
Field of View	22.4° FOV Horizontal	11.2° FOV Horizontal	5.6° FOV Horizontal
12um Lens Equivelant	19mm	38mm	57mm
17um Lens Equivelant	27mm	54mm	81mm



IR PATROL

640 x 480 Sensor 12um MICRON TRUCK @ 75 Yards No Magnifier

Without a magnifier, will provide a 22° field of view image.





IR PATROL

640 x 480 Sensor 12um MICRON MAN @ 25 Yards No Magnifier

Without a magnifier, will provide a 22° field of view image.





IR PATROL

640 x 480 Sensor 12um MICRON TRUCK @ 75 Yards 2x Magnifier

With a 2x magnifier, will provide a 11° field of view image.





12um MICRON MAN @ 25 Yards 2x Magnifier

IR PATROL

With a 2x magnifier, will provide a 11° field of view image.





IR PATROL"

640 x 480 Sensor 12um MICRON TRUCK @ 75 Yards 3x Magnifier

With a 3x magnifier, will provide a 5.5° field of view image.





IR PATROL

640 x 480 Sensor 12um MICRON MAN @ 25 Yards 3x Magnifier

With a 3x magnifier, will provide a 5.5° field of view image.



BRIDGES SINGLE AND DUAL BRIDGE ASSEMBLIES by WILCOX®

ADVANCED TACTICAL EQUIPMENT

The bridge adaptor provides the operator with a helmet mounted hands free solution, for the IR PATROL. Ideal for surveillance and overwatch situations, this adaptor adds versatility giving the end user an optimal mounting solutions



ITEM	PART NO.	PRICE
SINGLE BRIDGE ASSEMBLY	IRDMNT-9974	\$599.00
DUAL BRIDGE ASSEMBLY	IRDMNT-9975	\$799.00





HELMET MOUNTS COMBAT TYPE MOUNTS by **WILCOX***

ADVANCED TACTICAL EQUIPMENT

The Wilcox L4 G41 Low Profile Breakaway Mount allows firm attachment of a variety of NVGs to MICH/ACH and ECH helmets using a one or three-hole Hybrid Shroud. This NVG mounting system allows the mount to "breakaway" from the base under a stressed conditions. The Wilcox L4 G41 option features a Wilcox Hybrid shroud, and provides easy attachment of the mount to any helmet drilled with a standard one or three-hole configuration.

ITEM	PART NO.	PRICE
G24 MOUNT - BLACK	IRDMNT-9980	\$599.00
G24 MOUNT - TAN	IRDMNT-9981	\$599.00
G41 HYBRID MOUNT - BLACK	IRDMNT-9982	\$749.00
G41 HYBRID MOUNT - TAN	IRDMNT-9983	\$749.00







FLIP MOUNT WEAPON MOUNT ASSEMBLY by **WILCOX***

ADVANCED TACTICAL EQUIPMENT

The mount is designed to flip out of the way when not in use and return to zero when back in operational mode. These are lightweight with a field proven dovetail attachment system and are made of high grade aluminum construction for increased durability over currently fielded products.



ITEM	PART NO.	PRICE
FLIP MOUNT ASSEMBLY	IRDMNT-9971	\$499.00







ACCESSORY ITEMS IR PATROL ADD-ON's

TACTICAL ADD-ON ITEMS

We have several must have items for the IR PATROL which are included on this page. The first is the Battery Extender which will let the IR PATROL use 2 batteries and over double the time between battery changes.

The next item is the Download / Video Cable which will let you use the video out option if you have a M250 or M300W which also has a USB for image download if you have the LE100C, M250 or the M300W. The image download requires included PC software.

And third is the Amber Filter which helps reduce eye fatigue when using the system for long periods of time.







ITEM	PART NO.	PRICE
BATTERY EXTENDER	IRDACC-6180	\$99.00
AMBER FILTER	IRDACC-9967	\$69.00
CABLE DOWNLOAD and VIDEO	IRDACC-9704	\$200.00







IR PATROL™ M250-K HELMET MOUNTED KIT

INCLUDES:

IR PATROL 640x480 Thermal Monocular

Wilcox Interface Shoe

Wilcox Helmet Mount Interface Kit

60hz High Speed Frame Rate

Download/Video Cable

Manual and QRG Guide

Tactical Soft Case









IR PATROL™ M300W-K WEAPON MOUNTED KIT

INCLUDES:

IR PATROL 640x480 Thermal Monocular

Reticle System (with Clip-On mode)

Wilcox Interface Shoe

Wilcox Flip Mount Weapon Base

60hz High Speed Frame Rate

Download/Video Cable

Manual, QRG Guide and Tactical Soft Case



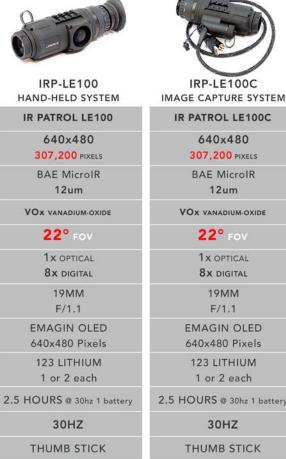


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MODEL NO. SYSTEM DESCRIPTION	
SYSTEM	
SENSOR RESOLUTION	
SENSOR MICRON	
SENSOR TYPE	
FIELD of VIEW	ı
MAGNIFICATION E-ZOOM	i
OBJECTIVE LENS	
DISPLAY TYPE	
BATTERY TYPE REQUIRED	
BATTERY LIFE	
FRAME RATE	
USER INTERFACE	
POLARITY/ZOOM/DFC	
IMAGE CAPTURE	
EDGE DETECT	П
SHOE INTERFACE	
ONFIGURATION LEVEL	
VIDEO OUT	

HELMET MOUNT KIT WEAPON FLIP MOUNT KIT IR PATROL LE100





EMAGIN OLED 640x480 Pixels 123 LITHIUM 1 or 2 each 2.5 HOURS @ 30hz 1 battery THUMB STICK

IR PATROL LE 100C

IR PATROL M250



IR PATROL M250-K

IRP-M250-K HELMET MOUNTED KIT



IRP-M300W WEAPON MOUNTED SYSTEM

IR PATROL M300W

IR PATROL M250 Kit	IR PATROL M300W
640x480	640x480
307,200 PIXELS	307,200 PIXELS
BAE MicroIR	BAE MicroIR
12um	12um
VOx VANADIUM-OXIDE	VOx VANADIUM-OXIDE
22° FOV	22° FOV
1x OPTICAL	1x OPTICAL
8x DIGITAL	8x DIGITAL
19MM	19MM
F/1.1	F/1.1
EMAGIN OLED	EMAGIN OLED
640x480 Pixels	640x480 Pixels
123 LITHIUM	123 LITHIUM
1 or 2 each	1 or 2 each
2.5 HOURS @ 30hz 1 battery	2.5 HOURS @ 30hz 1 battery
60HZ	60HZ
THUMB STICK	THUMB STICK
/	/
/	/
/	/
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IR PATROL M300W-K IR PATROL M350B







IRP-M350B BINOCULAR SYSTEM

WEAT OIL MOOITIED IGT	DITTO COLPIN STOTEM
IR PATROL M300W Kit	IR PATROL M350B
640x480	2x 640x480
307,200 PIXELS	307,200 PIXELS
BAE MicroIR	BAE MicroIR
12um	12um
VOx VANADIUM-OXIDE	VOx VANADIUM-OXIDE
22° FOV	22° FOV
1x OPTICAL	1x OPTICAL
8x digital	8x DIGITAL
19MM	19MM
F/1.1	F/1.1
EMAGIN OLED	2x EMAGIN OLED
640x480 Pixels	640x480 Pixels
123 LITHIUM	123 LITHIUM
1 or 2 each	4 each
2.5 HOURS @ 30hz 1 battery	2.5 HOURS @ 30hz 1 battery
60HZ	60HZ
THUMB STICK	THUMB STICK
✓	✓
✓	/
✓	/
✓	/
/	\/ \/ \/
/	/
/	×
×	/
✓	×



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IRHM2-640-20



IR HUNTERMARK II



IRHM3-640-35-K

MODEL NO.	11/11/12-040-20	IKI11012-040-33	IKT 11413-040-33-K
SYSTEM	IR HUNTER MKII 20MM	IR HUNTER MKII 35MM	IR HUNTER MKIII Kit
SENSOR RESOLUTION	640x480 307,200 PIXELS	640x480 307,200 PIXELS	640x480 307,200 PIXELS
SENSOR MICRON	BAE MicroIR 12um	BAE MicroIR 12um	BAE MicroIR 12um
SENSOR TYPE	VOx VANADIUM-OXIDE	VOx VANADIUM-OXIDE	VOx VANADIUM-OXIDE
FIELD of VIEW	22° FOV	12° FOV	12° FOV
MAGNIFICATION E-ZOOM	1.5x OPTICAL 12x DIGITAL	2.5x OPTICAL 20x DIGITAL	2.5x OPTICAL 20x DIGITAL
OBJECTIVE LENS	19MM F/1.1	35MM F/1.2	35MM F/1.2
ATHERMALIZED	/	✓	✓
FRAME RATE	60HZ	60HZ	60HZ
DISPLAY TYPE	EMAGIN OLED	EMAGIN OLED	EMAGIN OLED
HD GRAPHICS	640×480	640x480	640×480
DISPLAY SIZE	/	✓	✓
BATTERY TYPE	123 LITHIUM 2 EACH	123 LITHIUM 2 EACH	123 LITHIUM 2 EACH
BATTERY LIFE	4.5 HOURS @ 30hz	4.5 HOURS @ 30hz	4.5 HOURS @ 30hz
ETR ENHANCEMENT	/	✓	/
DFC digital focus	/	/	/
USER CONTRAST	/	/	/
USER INTERFACE	TURRET KNOBS	TURRET KNOBS	TURRET KNOBS
IMAGE CAPTURE	/	/	/
VIDEO OUTPUT	/	/	/
RANGE FINDER	NO	NO	YES
		4	



IR DEFENSE COPRORATION

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EXPORT WARNING

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