



Zeus PRO

Thermal Imaging Weapon Sights

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.

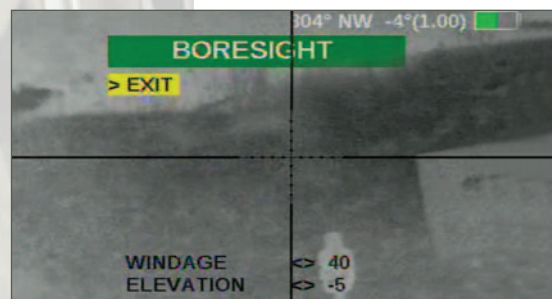
The Zeus Pro Thermal Weapon Sight is characterized by its simple and intuitive controls, functions, and features that are layered among direct button adjustments, direct combination button functions, and electronic menu selections. In an effort to better support the art of shooting, Armasight has included 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.



- ⓐ 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
- ⓐ 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/ OEM Custom/ Other Color Variants
- ⓐ Imaging Filter Algorithms:
 - Active Contrast Enhancement™ (ACE)
 - Smart Scene Optimization™ (SSO)
 - Information Based Histogram Equalization™ (IBHEQ)
 - Second Generation Digital Detail Enhancement™ (DDE)
 - Silent Shutterless Non-uniformity Correction™ (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	Zeus Pro 336 2-8x30	Zeus Pro 336 4-16x50	Zeus Pro 336 8-32x100	Zeus Pro 640 1-8x30	Zeus Pro 640 2-16x50	Zeus Pro 640 4-32x100
Magnification	2x - 8x	4x - 16x	8x - 32x	1x - 8x	2x - 16x	4x - 32x
Refresh Rate	30/60 Hz	30/60 Hz	30/60 Hz	30/60 Hz	30/60 Hz	30/60 Hz
Objective Lens Type	Germanium					
Type of Focal Plane Array	FLIR Tau 2					
Pixel Array Format	336x256			640x512		
Pixel Size	17 µm					
Display Type	AMOLED SVGA 060					
Pixel Display Format	800×600					
Objective Focal Length	30 mm	50 mm	100 mm	30 mm	50 mm	100 mm
Objective F-number	1:1.2	1:1.4	1:1.4	1:1.2	1:1.4	1:1.4
Focusing Range	10 m to inf.			5 m to inf.		
Battery	4 each 123A 3.0VDC or 4 each AA 1.5VDC					
Battery Life at 20 °C (68 °F)	> 6 hr (optional up to 14 hours)					
External Power Supply	Optional Extended Battery Pack with rechargeable batteries (up to 8 hours) or 6 VDC/ 1A external power source					
Operating Temperature	-51 to +57°C (-59 to +134°F)					
Storage Temperature	-57 to +85°C (-70 to +185°F)					
Dimensions, mm/in	170x76x76 / 6.7x3.0x3.0	197x76x76 / 7.5x3.0x3.0	265x90x100 / 10.4x3.5x3.9	170x76x76 / 6.7x3.0x3.0	197x76x76 / 7.5x3.0x3.0	265x90x100 / 10.4x3.5x3.9
Weight	0.68 kg / 1.5 lbs	0.95 kg / 2.0 lbs	1.3 kg / 2.9 lbs	0.68 kg / 1.5 lbs	0.95 kg / 2.0 lbs	1.3 kg / 2.9 lbs