

## DRONE PRO

### Digital Night Vision Riflescope



The Drone Pro professional Digital Night Vision Riflescope 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.

Whether you want to use it for camping, hunting, boating, or security, the Armasight Drone will help you see the nocturnal world with crystalline clarity.



- Ⓐ 10x or 15x optical magnification
- Ⓐ High-performance CCD camera
- Ⓐ Bright-light tolerance
- Ⓐ Lightweight and robust design
- Ⓐ Easy to operate
- Ⓐ Manually adjustable eyepiece and objective lens
- Ⓐ Real-time display
- Ⓐ Digitally controlled features:
  - Adjustable display brightness
  - Selectable 7-pattern reticle, including a "no reticle" option
  - Reticle color inversion (Black/White)
  - Windage/Elevation bore sighting
- Ⓐ Current operational state information display (battery status, active function etc.)
- Ⓐ Wireless remote control
- Ⓐ Analog video input (NTSC/PAL) and output (PAL)
- Ⓐ Powered by two standard CR123A batteries or CR123 type rechargeable batteries (max 3.7 volts each)
- Ⓐ Power input capability
- Ⓐ Digital video recorder (optional)
- Ⓐ Fits any Picatinny, MIL-STD-1913, and Weaver rail with an adjustable quick-release mount
- Ⓐ Serviceability under severe conditions
- Ⓐ Heavily water-resistant
- Ⓐ Limited two-year warranty

## SPECIFICATIONS

Model	DRONE PRO 10x	DRONE PRO 15x
<b>SYSTEM DATA:</b>		
CCD Camera	High-Rate High-Resolution Near-IR Hypersensitive CCD Camera	
Magnification	10x	15x
Pixel CCD Array Format	976x582	
CCD Array Spectral Response	0.4 to 1.1 $\mu\text{m}$	
Display Type	OLED SVGA 060	
Pixel Display Format	800x600	
Display Brightness	Discretely Adjustable to 8 Levels	
Turn-on Time, max	3 sec	
Reticle Type	7-Pattern Digitally Controlled: Dot, Small Crosshair, Big Crosshair, Crosshair with Dot, Circle, Rangefinder Reticle, "No Reticle"	
Reticle Color	Black / White	
Boresight Adjustment	Digitally Controlled	
Analog Input Format	PAL / NTSC	
Analog Output Format (resolution)	PAL (768x574 pixels)	
Video Recording	Optional Digital Video Recorder with SD card slot	
Remote Control	Wireless	
<b>OPTICAL DATA:</b>		
Objective Focal Length	108 mm	145 mm
Objective F-number	1:1.54	1:1.8
Field of View	- ang. X degrees 2.6° - ang. Y degrees 2.0°	- ang. X degrees 2.0° - ang. Y degrees 1.5°
Exit Pupil Diameter	10 mm	
Eye Relief	45 mm	
Focus Method	Manual	
Focusing Range	10m to infinity	25m to infinity
Diopter Adjustment	Manual	
Diopter Adjustment Range	$\pm 5$ diopter	
<b>BORESIGHT DATA:</b>		
Windage/Elevation Boresight Increment	0.42 MOA 0.12 Mills 1.2 cm / 100 m 0.44 in / 100 yd	0.3 MOA 0.09 Mills 0.9 cm / 100 m 0.32 in / 100 yd
Boresight Adjustment Range	$\pm 55$ MOA Horizontal / $\pm 30$ MOA Vertical	$\pm 40$ MOA Horizontal / $\pm 22$ MOA Vertical
<b>ELECTRICAL DATA:</b>		
Battery	Two CR123A 3V Lithium batteries or CR123 type rechargeable batteries with voltage from 3.0V to 3.7V (2)*	
Battery Life at 20 °C (68 °F)	up to 3 (optional up to 10 hrs)	
External Power Supply	Optional Extended Battery Pack with rechargeable batteries (up to 7 hours) or 6 VDC / 600mA external power source	
<b>ENVIRONMENTAL DATA:</b>		
Operating Temperature	-40° to +50°C (-40° to +122°F)	
Storage Temperature	-50° to +70°C (-58° to +158°F)	
Recoil Resistance	700g	
Environmental Rating	Water and Fog Resistant	
<b>MECHANICAL DATA:</b>		
Weapon Mount Type	Picatinny, MIL-STD-1913, or Weaver Rails	
Height of the Scope Axis above Rail	42 mm (1.65 in)	
Overall Dimensions	260x76x85 mm (10.2x3.0x3.4 in)	290x91x107 mm (14.4x3.6x4.2 in)
Weight (w/o Batteries)	1.02 kg (2.2 lbs)	1.3 kg (2.87 lbs)
<b>WARRANTY DATA:</b>		
Warranty	2 years	

\* Rechargeable batteries with voltage 3.0V-3.7V can be used only in devices with serial number starting from 140885

## STANDARD COMPONENTS



BATTERY CASSETTE



CR123 BATTERY



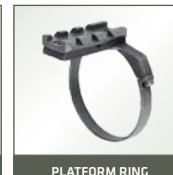
ADVANCED WIRELESS REMOTE CONTROL



PICATINNY ADAPTER



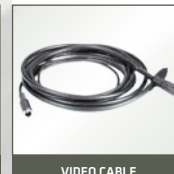
XLR-IR850



PLATFORM RING



COLOR (DAY TIME) FILTER



VIDEO CABLE



OPERATOR MANUAL



CARRYING CASE

## OPTIONAL EQUIPMENTS



Part No. ATAM000005  
HD DVR DIGITAL VIDEO RECORDER



Part No. ATAM000004  
RECORDER DT DIGITAL VIDEO RECORDER



Part No. ATAM000008  
EXTENDED BATTERY PACK



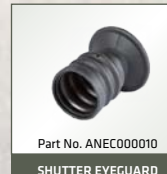
Part No. IALA00AMRF22001  
AMRF2200 ADVANCED MODULAR RANGE FINDER



Part No. ANAF18XXLR  
XLR-IR AFOCAL DOUBLER



Part No. ANAM000045  
EXTENDED RAIL ADAPTER #85



Part No. ANEC000010  
SHUTTER EYEGUARD



Part No. ANHC000004  
HARD SHIPPING/STORAGE CASE