

JANUS

Digital Night Vision Bi-Ocular

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.

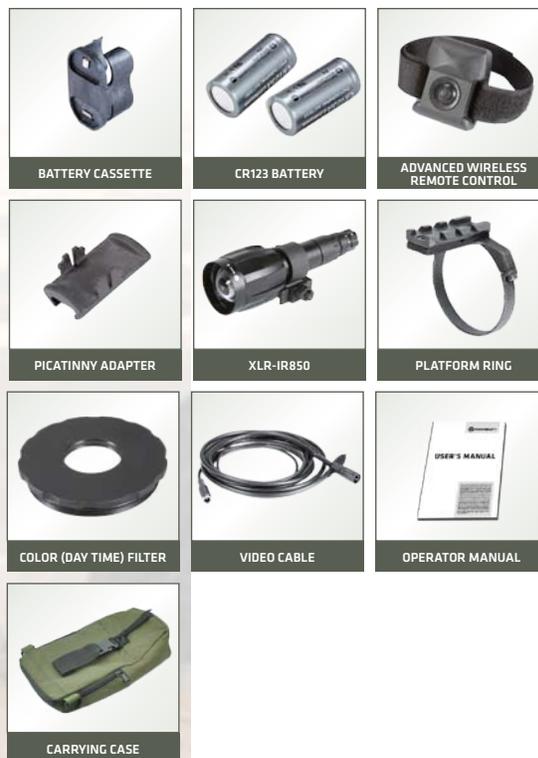


- Ⓐ 10x or 15x optical magnification
- Ⓐ High-performance CCD camera
- Ⓐ Bright-light tolerance
- Ⓐ Auto-switching of color modes at a certain level of light
- Ⓐ Lightweight and robust design
- Ⓐ Rapid start-up
- Ⓐ Easy to operate
- Ⓐ Manually adjustable eyepiece and objective lens
- Ⓐ Real-time display
- Ⓐ Digitally controlled adjustments
- Ⓐ Wireless remote control
- Ⓐ XLR-IR850 Detachable X Long-Range Infrared Illuminator
- Ⓐ Analog video input (NTSC/PAL) and output (PAL)
- Ⓐ Powered by two standard CR123A batteries or CR123 type rechargeable batteries (max 3.7 volts each)
- Ⓐ Up to 3 hours of operation on two lithium batteries
- Ⓐ Power input capability
- Ⓐ External power supply (optional)
- Ⓐ Digital video recorder (optional)
- Ⓐ Serviceability under severe conditions
- Ⓐ Heavily water-resistant
- Ⓐ Limited two-year warranty

SPECIFICATIONS

Model	JANUS 10x	JANUS 15x
SYSTEM DATA:		
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 μm	
Display Type	OLED SVGA 060	
Pixel Display Format	800x600	
Display Brightness	Discretely Adjustable to 8 Levels	
Turn-on Time, max	3 sec	
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	
OPTICAL DATA:		
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	14 mm	
Eye Relief	16 mm	
Focus Method	Manual	
Focusing Range	10m to infinity	
Diopter Adjustment	Manual	
Diopter Adjustment Range	± 5 diopter	
ELECTRICAL DATA:		
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	
ENVIRONMENTAL DATA:		
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	
MECHANICAL DATA:		
Overall Dimensions	316x100x76 mm (12.4x3.9x3.0 in)	344x102x91 mm (13.5x4.0x3.6 in)
Weight (w/o Batteries)	1.04 kg (2.3 lbs)	1.25 kg (2.76 lbs)
WARRANTY DATA:		
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

OPTIONAL EQUIPMENTS
