



## MULTI-PURPOSE NIGHT VISION MONOCULAR

# PBS14



The PBS14 is a great choice for conducting combat operations, including dismounted terrain navigation in extremely low light conditions. The highly versatile PBS14 system can be used as a hand-held or hands-free single eye goggle, or as a night vision weapon system when coupled to a daytime close-quarters battle sight. Lightweight, rugged and waterproof, the PBS14 is a powerful performer for use in confined as well as open spaces.

The device is powered by only one AA or CR123 battery that can be installed regardless of polarity - it is just one less thing to worry about in the dark environment.



### KEY FEATURES

- ◆ Universal Night Operations Tool
- ◆ Multi-Use System Design
- ◆ Unique Safety Features
- ◆ Extended Range Observation
- ◆ High Situational Awareness
- ◆ Preferred choice of NATO forces

### MAIN APPLICATIONS

- ◆ Defence
- ◆ Security
- ◆ Surveillance
- ◆ Border Patrol
- ◆ Navigation
- ◆ Reconnaissance

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## MULTI-PURPOSE NIGHT VISION MONOCULAR

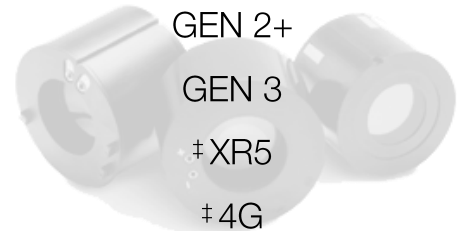
# PBS14



### TECHNICAL DATA

Optical Magnification	1X
Objective Lens Focal Length	27mm
Objective Lens F-number	f/1.2
Field of View (FOV)	40°
Focusing Range	0.25m .. Infinity
Diopter Adjustment Range	-6 .. +4
Built-In IR Illuminator	Yes
IR-On Indicator	Yes
Bright Light Protection	Yes
Automatic Light Overload Shut-Off	Yes
Low Battery Indicator	Yes
Stow Safety Feature	Yes, Optional
Flip-Up-Off Feature	Yes
Power Source	1pc AA or 1pc CR123
Any Polarity Battery Insertion	Yes
Battery Life	40 Hours
Environmental Protection	IP66 or Better (Optional)
Dimensions	110x65x55mm
Weight	330 grams
Operating Temperature	-40°C .. +50°C
Warranty	7 Years, Limited
Export	Worldwide **

### IMAGE INTENSIFIER TUBES



*Autogating and White Phosphor options are available with selected tubes. Contact us for more details.*

### PHOTONIS

‡ XR5 and 4G are the registered trademarks of Photonis Technologies S.A.S.

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## MULTI-PURPOSE NIGHT VISION MONOCULAR

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### DISTINCTIVE FEATURES



#### Extended Range Observation

Accepts Afocal Objective Lenses with 3X and 5X Optical Magnification



#### Hands-Free Operation

With PVS- and Dovetail-Style J-Arms the unit can be mounted on a variety of head gears and helmet mounts. Each J-Arm allows to swivel the unit for added convenience.



#### Flip-Up Off Feature

When mounted on a Flip-Up head gear or a helmet mount, PBS14 turns off once in Flip-Up Position.



#### Polarity-Independent Power Supply

PBS14 is powered by AA and CR123 Batteries that can be inserted into device's battery compartment **regardless of polarity**: the unit will operate normally thanks to its Power Supply.



#### Stow Safety Feature

If Activated, The SSF Feature Shuts Off the Unit once it is Stowed and Powers the Unit Back Up when it is Returned Back to the Horizontal Position. SSF is Used to Stay Covert in Night-Time Operations.

\* Some accessories are shown with PVS-14C model and are fully compatible with PBS14



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### DISTINCTIVE FEATURES (CONTINUED)



#### SLR/DSLR Camera Compatibility

*CA-37/52 Camera Adapter Allows Attaching PVS-14C Directly to an Objective of a Photo Camera or Camcorder to Take Pictures and Record Videos in Night Vision.*



#### Smartphone Camera Compatibility

*CAS-14 Adapter allows taking pictures and videos from the device right on your smartphone.*

#### Weapon-Mountable and Clip-On System

*With a Weapon Mount WM-14, PVS-14C is Transformed into a Portable Standalone Weapon Sight.*

*Utilizing the Zero Lens Kit, PVS-14C can be Coupled to a Daytime Sight in Clip-On Configuration.*

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## MULTI-PURPOSE NIGHT VISION MONOCULAR

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### STANDARD ACCESSORIES: WHAT'S IN THE BOX



PBS14  
Monocular



Daytime  
Filter



Neck Strap



AA Battery  
Extender



Soft Pouch

### OPTIONAL ACCESSORIES



J-Arm Adapter Interface: available in PVS-style or Dove-tail styles



Standard Head Gear PHG-7 (non-flip-up. Requires and is compatible with PVS-style J-arm adapter only, comes with 3 brow pads, 1-way adjustment)



Flip-up Head Gear HG-714M (Requires and is compatible with PVS-style J-arm adapter only, 2-way adjustment)



Advanced Flip-Up Helmet Mount HM-714XM-C (Complete kit with straps. Requires J-arm and is available in both PVS-style and Dove-Tail style configurations, 4-way adjustment)



Advanced Flip-Up Helmet Mount HM-714XM-SR ("Shroud-Ready" version compatible with ops-core style helmets. Requires J-arm and is available in both PVS-style and Dove-Tail style configurations, 4-way adjustment)



Flip-Up Helmet Mount Kit: HM-714R-C (2-way adjustment)



Low-Profile Flip-Up Helmet Mount HM-714LP-SR ("Shroud-Ready" version compatible with ops-core style helmets. Requires J-arm and is available in both PVS-style and Dove-Tail style configurations, 3-way adjustment)

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### OPTIONAL ACCESSORIES (CONTINUED)



Advanced Flip-Up Helmet Mount HM-714LP-C (Complete kit with straps. Requires J-arm and is available in both PVS-style and Dove-Tail style configurations, 3-way adjustment)



3X Magnification Afocal Objective Lens SL-3 (Attaches directly to the existing 1X objective lens)



5X Magnification Afocal Objective Lens SL-5 (Attaches directly to the existing 1X objective lens)



Quick Release Mount WM-14 (transforms the unit into a compact dedicated night vision weapon sight)



Camera adapter CA-37/52 (fits SLR/DSLR cameras and camcorders with inner objective thread diameter 37mm or 52mm)



Zero Lens Kit ZL (transforms the into a clip-on night vision sight to be mounted in front of daytime optical sight. Kit comes with weapon mount and an additional 3X Afocal objective lens).



Stow Safety Feature, SSF: built-in electronic solution to help an operator stay covert during night-time operations: turns off the IIT when it is rotated up or down in the vertical plane.



Smartphone Camera Adapter CAS-14



Hard Waterproof Case (*Standard for Gen3, XR5, 4G models*)

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