

# PBS-14

## Night Vision Multipurpose Tactical monocular

**PBS-14** is a tactical multi-purpose monocular, great tool for the most advanced professional users who require superior quality, outstanding reliability and unbeatable performance. **PBS-14** features a unique ergonomic design that allows convenient single-handed operation and dramatically minimizes the probability of user errors in extreme operating conditions. **PBS-14** operates on 2 AA batteries to keep the weight to a minimum and guarantees reliable long time service at all temperatures. Monocular equipped with an invisible to the human eye short range infrared illuminator. This illuminator assists with tasks that have to be performed in complete darkness, such as map reading, equipment repairs, etc. Device very rugged, fully sealed, submersible for the depth up to 2 meters under water. Universal mounting bracket allows to use **PBS-14** as mono-goggles or transfer two monoculars into dual tubes binoculars-goggles. Optional mountings, such as helmet mounts and rifle mounts are also available. Device is compatible with most IR Laser aiming and illuminating devices. Optional 3X afocal lens for longer range observations is available. **PBS-14** is easy to use, small, lightweight and effective system for any nighttime application. By the request of our Customers GSCI can equip this device with Gen. 2+, SuperGen, XD-4 or XR-5 Auto Gated Image Intensifier Tubes

### TECHNICAL CHARACTERISTICS:

Magnification	1X
Objective Lens	25 mm, f 1,2
Field of View	40 deg.
Spectral Response	Visible to 0.90 um (IR)
Resolution, depends on IIT type installed	45-73 lp/mm
SNR, depends on IIT type installed	16-28
Water Resistant	Yes
Dimensions	100x70x60 mm
Weight	330 grams only!
Powered by two standard Batteries	AA type
Battery life continuous.	up to 40 hours
Head Gear	Included
Helmet Mount	Optional
Afocal 3X (5X) lens	Optional



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