

MULTI-PURPOSE NIGHT VISION MONOCULAR PBS-14

There is vast variety of Night Vision Monoculars available in the World Marketplace. The most popular are PVS-14, MUM-14 as well as couple of other leading brands. While having 20+ years "first hand" experience working with other night vision systems, GSCI developed and gladly presents Night Vision Monoculars **PBS14**. These systems gathered the most up to date technological advancements, currently developed. Whatever is missing in other systems/brands, you can find in our PBS14...and some more. The **PBS14** is "loaded" with unique features and practically surpasses the most popular and leading brands. Equipped with high quality optics and select grade Image Intensifier Tubes, the **PBS14** is a Real Performer.

***PBS14** available in standard and "manual gain control" configurations.

GSCI-PBS-14 system can be equipped with vast variety of Image Intensifier Tubes (IIT), featuring Multi Alkali (Gen. 2+) or Gallium Arsenide (Gen. 3) photocathodes.

Tubes may be supplied in different grades: from economically priced and up to highest, technologically available performance. Available in Auto Gated, White Phosphor (black & white) and Manual Gain configurations. Available also Gen. 2 Image Intensifier Tubes in 25 mm format.

All GSCI Image Intensifier Tubes are featuring:

Resolution 57-73* lp/mm

SNR 20-30*

High Photoresponce*

Small Halo*

Auto Gated*

FOM: up to 2000

*with selected IIT

PBS-14 - Night Vision Mini Monocular				
Magnification	1X	IIT Options		Device Options
Objective (mm)	26	PBS-14-MA	Gen 2+	1. "Flip Up" Helmet Mount 2. "Flip Up" Head Gear
Eye Relief (mm)	27	PBS-14-GA1/GA2/GA3	Gen 3	
FOV (degrees)	40	PBS-14-XR5	XR5	
Range of Focus (mm)	20 - ∞			
Diopter Adjustment	+2/-6	IIT Features (*on selected tubes)		
Waterproof	IP67	1. Resolution (lp/mm)	57-73*	
Shock, Recoil	up to 500 G	2. SNR	19-32*	
Built-in IR Illuminator	Short range 905 nm	3. High Photo Response*		
Light Overload Sensor	Yes	4. Small Halo		
Batteries Type	CR123 / AA	5. FOM up to 2200		
Batteries Quantity	1			
Battery Life (CR123)(hrs)	40+			
Battery Life (AA)(hrs)	20+			
Weight (g)	330			
Dimensions (mm)	110x65x55			
Operating Temperature (°C)	-51 — +49			