



always a step ahead....since 1992

PBS14-ZL

CLIP-ON NIGHT VISION MONOCULAR KIT



Now our legendary **PBS14** Night Vision Monoculars are getting even more versatile. By coupling it with the **Black Optex Zero Lens™** you have rather precise and effective Clip-ON Night Vision Sight **PBS14-ZL**. This kit gathered the most up to date technological advancements, currently developed. Equipped with high quality optics and select grade Image Intensifier Tubes, the **PBS14-ZL** is a **Real Performer**.

OPTICAL ALIGNMENT ADAPTER



The **Black Optex Zero Lens™** is an optical alignment adapter that enables the use of **PBS14** night vision monoculars in front of day sights to add nighttime engagement capability with no zero shift. This configuration is more efficient and user friendly than when the **PBS14** is mounted behind the primary sight.

Image intensification efficiency of the **PBS14** is maintained by front mounting, and resolution of the produced image is improved as it passes through the **Black Optex Zero Lens™**. Front mounting also allows the operator to maintain the same shooting position, muscle memory, and eye relief with his primary sight.

The standard quick detach mounting system enables rapid installation and removal, allowing easy transition of the **PBS14** between handheld, helmet mounted, or weapon mounted use as needed during operations. Once set, the **Black Optex Zero Lens™** will maintain alignment between the daysight and the adjusted **PBS14** when it is re-installed.

The **Black Optex Zero Lens™** is a rugged, non-electronic, compact device that adds capability to your existing inventory of optics at a fraction of the cost of adding new stand alone systems.

GENERAL STARLIGHT COMPANY

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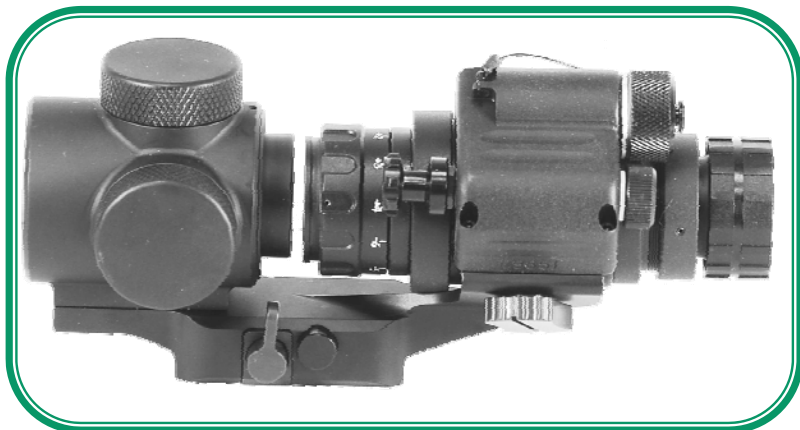




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Highly versatile design of **PBS14** Night Vision Monocular allows to use it with the vast variety of optional accessories which can be ordered separately:

- "Flip up" type Head Gear or Helmet Mount.
- 3X magnification "Snap-on/Screw-in", quick attach afocal lens.
- 5X magnification "Snap-on/Screw-in", quick attach afocal lens.
- Quick Release Weapon Mount

IMAGE INTENSIFIER TUBES

MODEL NAME	IIT TUBE TYPE
PBS14-ZL-MA	Gen. 2+
PBS14-ZL-GA	Gen. 3
PBS14-ZL-XR5	XR-5

Resolution 57-73* lp/mm

SNR 19-28*

High Photoresponce*

Small Halo*

Auto Gated*

FOM: up to 2000



*with selected IIT

TECHNICAL DATA

Optical Magnification (w/3X lens)	1X
Optics FOV (w/3X lens)	14°
F-Number	1.1
Optical axis above rail	39 mm
AZ/EL Adjustments	0.5 MOA per click
Waterproof, submersible	IP 67
Shock, Recoil	Up to 500 G
Light Overload Censor	Yes
Batteries Required, 1 pc.	AA or CR123
Battery Life, AA	20+ hours
Battery Life, CR123	40+ hours
Operating Temp.	-51°C to +49°C
Dimensions w/o 3X lens	185x82x64
Dimensions with 3X lens	240x82x64
Weight w/o 3X lens	790 grams
Weight with 3X lens	900 grams



Complete **PBS14-ZL** Kit
Includes: PBS14, Zero
Lens, 3X lens and 1913
Picatinny mounting
bracket

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