

BIG EYE 28x100 ED

LONG RANGE OBSERVATION BINOCULAR



Display

The BIG EYE 28x100 ED is designed to meet the most demanding specifications and is capable of withstanding maritime weather. It is useful as a marine binocular, a border guarding instrument, or with other applications where long-range viewing is required.

The BIG EYE 28x100 ED has massive objective lenses, BAK-6 prisms and precision ground, multi-coated optics. Optical quality is extraordinary with true edge-to-edge image clarity. Oversized, individually focusing ocular lenses are set at an angle for comfortable viewing, and have foldable eyecups. The mounted device swivels a full 360° horizontally and 135° vertically. The instrument is nitrogen-filled to prevent fogging. It can also be coupled with one or two NVS 14 series night vision monoculars for night operation.

Optics	BIG EYE 28x100 ED
Magnification (x)	28
Objective lens diameter (mm)	100
Focus range (m)	30 - ∞
Exit pupil (mm)	3.6
Eye relief (mm)	16
Apparent field of view (°)	70
Real field of view (°)	2.5
Field of view @ 1000m (m)	43.7
Interpupillary distance (mm)	53-76
Relative brightness	13
Diopter adjustment range	-5 to +2
Lens coating	FMC, ED Glass
Mechanics & Environmental	
Weight, g	6,800
Dimensions	553x270x172
Tripod mountable	Yes
Operating temperature range (°C)	-35 to +50
Storage temperature range (°C)	-50 to +60
Humidity (%)	90
Nitrogen purged	Yes
Waterproofing	MIL-STD-810G



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DELIVERY SET

Supplied with the following standard accessories:

- Lens Cover
- Lens Cleaning Cloth
- Operation Manual

OPTIONAL ACCESSORIES



U Coupler



Pan-Tilt Mechanism



NVS 14-3XT



CCD Camera



Hard case



On Tripod