

NIGHT VISION PULSAR EDGE GS 3.5X50L



Built-in laser IR illuminator

GSL models of the NV Binoculars Edge are supplied with a built-in IR Laser Illuminator complying with Class 1 laser safety. The laser IR Illuminator emits at 780 nm wavelength and provides effective observation of remote objects in total darkness.

Effective field of view

High resolution and geometric image precision provided by CF-Super based NV devices provides effective observation of an object located in any part of unit's field of view. Majority of Gen. 1 devices features decent image quality only in the centre of the imaging area.

Controls

The Edge night vision binoculars are easy in operation. The device and IR illuminator are switched by pressing buttons (ON and IR respectively) located on the top of the body. Additionally, the Edge binoculars & goggles are equipped with a gradual IR illuminator power adjustment function.

Eye Cap

A soft rubber eyecup conceals the light emission from the tube thus permitting a user to stay unnoticed

Constant image quality across the whole field of view

CF-Super's resolution is notable for its consistency (resolution difference between the centre/edge does not exceed 20%, whilst centre/edge resolution ratio for Gen.1 units is more than five times).

Tube protection

The Edge GS features an image intensifier tube protection system – once the luminance threshold level is exceeded, current feed to the tube is automatically reduced or fully ceased. This allows the user to reach the highest possible tube performance.

Body

The body of fiberglass reinforced plastic is able to effectively withstand impact, moisture and dust which allows the units to be used in extreme conditions.

Eyepiece

New five-lens eyepiece with skewed rubber eyecup provides no distortion across the edges of the field of view and increases image sharpness and contrast.

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Tube

Image tube type: EP33-SF-U
Generation: CF-Super

Optical characteristics

Magnification, x: 3.5
Objective lens, mm: 50
Resolution, lines per mm: 42
Angular field of view, degree: 12
Eyepiece adjustment, diopter: ± 4
Eye relief, mm: 12

Built-in IR-illuminator

IR Wavelength, nm: 780
Type: Laser

Range of observation

Max. detection range, m: 220

Power Supply

Operating voltage, V: 3 (2xAAA)

Physical & operational characteristics

Dimensions, mm: 233x122x71
Weight of the unit, kg: 0.85
Operating temperature, °C: -20 ... +40

Specifications

Magnification: 3.5x
CF-Super tube inside
Field of view: 12°
Wavelength of laser IR: 780 nm
Resolution (centre): 42 lines/mm
Range of detection: 220 m

What's in the box

Edge GS 3.5x50L
Carrying case
User manual
Cleaning cloth
Warranty card