

B31

BINOCULAR NIGHT VISION



The B31 Binocular Night Vision is purpose-built to enhance nighttime operational effectiveness and heighten situational awareness for operators. Engineered with a dual-tube design, this compact, lightweight goggle is optimized for seamless performance in the most challenging low-light conditions.

The B31's dual-tube system provides superior image resolution, enabling unparalleled capabilities for target detection, recognition, and identification across significant distances. Its standout feature is its independent dual-tube housings, offering the flexibility to operate in either binocular or monocular configurations as per mission requirements. In the binocular configuration, the two tubes work together to provide enhanced depth perception, simplifying terrain navigation, obstacle maneuvering, and operation of controls or devices. The monocular configuration, on the other hand, provides the versatility to adapt swiftly to fluctuating lighting conditions often encountered in tactical environments.

The B31's power versatility further solidifies its robust design. It can operate efficiently using an onboard AA battery or an external battery pack for prolonged usage scenarios. Notably, this external battery pack incorporates dual infrared strobe lights - a critical feature for ground personnel identification.

The B31 Binocular Night Vision Device does more than augment your visibility in the dark. With its advanced capabilities and rugged design, it significantly boosts your operational efficiency and success rate. The B31 empowers you to not merely adapt to, but assert control over, the darkness. Master the night with the B31.

Physical Data

Weight ⁽¹⁾	520 g (18.34 oz)
Dimensions (WxLxH)	115x105x90 mm (4.52x4.13x3.54 in)
Monocular Opening Angle	140°

Optical Data

Magnification	1X
Objective	27 mm
Field of View	40°
Focus Distance	25 cm - ∞
F#	F/1.2
Dioptr Adjustment	-6, +2 dpt

Image Intensifier Data

B31 is equipped with NoctuVision image intensifier tubes. For an overview of various NoctuVision models, please scan the provided QR code.



NoctuVision

Environmental Data

Operating Temperature Range	-32 °C to +49 °C (-26 °F to +120 °F)
Storage Temperature Range	-40 °C to +71 °C (-40 °F to +160 °F)
Immersion	IP68

■ Other MIL-STD-810G tests are applicable. Please contact us for detailed information.



Electronical Data

IR Illumination	Yes
Sleep Mode	Yes
IR Indicator	Yes (in FOV)
Low Battery Indicator	Yes (in FOV)
Flip Up Turn Off Function ⁽²⁾	Yes
Battery	1 x AA
Battery Life	15+ hours / 50+ hours (External Battery Pack)

Standard Accessories ⁽³⁾

■ Lens Cleaning Cloth	■ 1 x AA
■ 2 x Objective Protection Cover	■ 2 x Eyecup
■ User and Operating Manual	■ Soft Carrying Bag

Optional Accessories ⁽³⁾

<input type="checkbox"/> Sacrificial Filter	<input type="checkbox"/> Daylight Filter
<input type="checkbox"/> Protection Filter	<input type="checkbox"/> Light Reducing Filter
<input type="checkbox"/> Helmet Mount	<input type="checkbox"/> Hard Case
<input type="checkbox"/> Face Mask	<input type="checkbox"/> External Battery Pack

(1) Weight may change between 500 and 580 grams depending on the variations of the lenses.

(2) Applicable if used with compatible helmet mount.

(3) Accessories may vary. Please contact us for detailed information.

Contact 3E for product codes and SKUs.

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