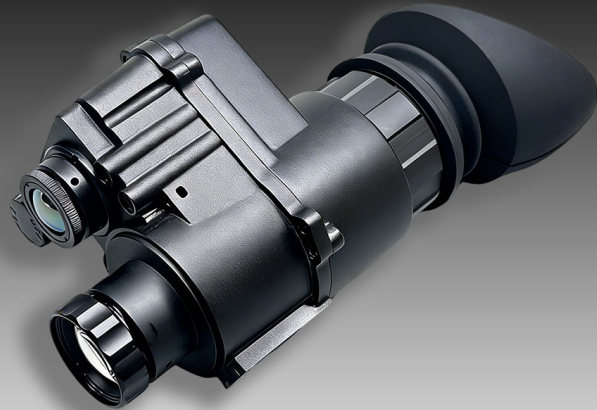




GOGGLES

ENHANCED NIGHT VISION

PRODUCT INTRODUCTION

The Monocular Fusion Night Vision Device integrates night vision and thermal imaging technologies, allowing users to quickly differentiate targets and identify potential threats. This enhances users' situational awareness and self-defense capabilities during operation.

PRODUCT PERFORMANCE

- ★ Optional 2nd Gen+ (quasi-3rd Gen) image enhancer
- ★ The ultra-wideband multilayer anti-reflective coating lens utilizes advanced coating technology to enhance light transmission, significantly improving the night vision device's optical performance and delivering clearer, brighter images.
- ★ Flexible usage options: Compatible with head-mounted devices like helmets and steel helmets, it can also be used as a handheld device or worn directly on the head.
- ★ Foldable eyepiece light shield enhances concealment.
- ★ Upgradable to IP68 protection
- ★ Features built-in protection against harsh light.
- ★ Flip-up standby mode
- ★ Built-in infrared fill light
- ★ The infrared image display supports adjustments for brightness, contrast, edge intensity, and detail enhancement
- ★ Built with a fully aluminum alloy frame, the night vision device ensures robust durability in all environments, delivering stable and reliable performance. Supports electronic compass, barometer (pressure, altitude, temperature), pitch and horizontal angle, and GPS
- ★ Infrared thermal imaging supports image mode switching between white-hot, black-hot, and red-hot target highlighting with contour outlining
- ★ Built with a fully aluminum alloy frame, the night vision device ensures robust durability in all environments, delivering stable and reliable performance. Supports digital zoom with 1-8x magnification (1X, 2X, 4X, 8X) adjustment
- ★ Customizable low-light image gain adjustment. This feature is not enabled by default.
- ★ Built with a fully aluminum alloy frame, the night vision device ensures robust durability in all environments, delivering stable and reliable performance.

ACCESSORIES

- Portable bag
- Helmet support
- Battery holder Cable
- 18650 lithium-ion battery
- Packing case
- Eye cup
- User manual
- Desiccant
- Lens cleaning cloth

TECHNICAL SPECIFICATIONS

Generation	Gen2+ / Gen3+
Resolution, Lp/mm	60-64 / 64-72
FOM	1400/1600/1800/2000
Tubular imaging color	Green Phosphor / White Phosphor
Magnification, X	1X
FOV, °	42°
Range of Focus, mm	250mm to infinity
Infrared Illuminator	Yes (Built-in with flood lens)
Bright source protection	Yes
Brightness Control	Customizable
Resolution, pixels	640 x 512
Frame Rate, Hz	50
Display	OLED
Display Resolution, pixels	1600 x 1200
Display Mode	White hot, Black hot, highlighting, outline
Lens System, mm	F1.0, 13
FOV, ° (HFOV) x (VFOV)	32.9° x 26.6°
Digital Zoom	Yes, 1-8 (1X, 2X, 4X, 8X)
Azimuth Indication	Yes
GPS coordinate	Yes
Pitch/Inclination angle	Yes
Barometer	Yes



Picture Display



Picture Display



Picture Display

TECHNICAL SPECIFICATIONS

Appearance	monocular
Dimensions, mm	107 x 62 x 82
Weight, g	359 (±2)
Operating Temperature Range,	-40°C ~ +60°C
Battery Type	18650*2
Operating Time on Battery Pack, h	Enhanced Display ≥ 8 Image Intensifier ≥ 100
Degree of Protection, IP code	IP65 (Upgradable to IP68)

* Specifications are provided for informational purposes only. Actual values may vary. The above information only contains partial content. If you need more information, please contact us.