

Night Vision Device NVM-16 Generation 2+

High quality night vision device that can configure with variety of features and with a wide range of accessories. Professional Standard as Mil Spec optics, built-in high-power, multi-stage Infrared Illuminator, and internal low battery and infrared indicators are packaged in a compact, rugged, weather resistant housing. The NVM-16 is easily converted from a single monocular into a hands-free goggle system by mounting on Head mount adjustable headgear. With the addition of optional Mil Spec and commercial accessories such as our unique Day/Night Adaptor, the NVM-16 can be used as a hand-held monocular, hands-free goggle or weapon mounted system. The new NVM-16 is the choice of professionals who demand exquisite performance, friendly controls and easy system customization for various mission requirements.



**Gen 2+
Night Vision Monocular**

Feature of NVM-16:

- Night Vision Monocular Handheld Viewer / Goggle / Rifle scope
- Super light Weight and Compact
- Highly Versatile and Weather Resistant
- Generation II+ advance class AAA image intensifier tube (MX9916/uv)
- Build In Integrated Infrared Illuminator
- Operates on One 3.0V Lithium Battery
- 40 hours of Continuous operation
- Low battery and IR indicators
- Reverse polarity protection
- Flip-up Padded Headmount Assembly
- Carrying Pouch, case, Manual Included
- Two-Years Warranty

Image Intensifier tube specifications: **SPECIFICATIONS EOPPS-1102**

Description:

Fiber Optic DDS / Fiber optic out image tube assembly at 180 degree output inverter with metal housing and flying leads.

Photocathode sensitivity:

Group-Table 18mm Gen II +	Min	Typ
Photoresponse @ 2856 ⁰ K (μA/lm):	240	350
Photoresponse @ 830nm (mA/Watt):	15	15
System Gain @ 2x10-6FC:	18.000	25.000
System Gain @ 2x10-4FC:	9.000	20.000
Output Luminance 1.0 FC	3.0 FL	5.0 FL
Signal-Noise Ratio:	3.5	4.0
Input current mA:	16	16
Resolution (lp/mm): center	28	36
Edge	28	36
Screen quality:	Field Emissions:	<Background scintillation
	Dark Lines:	No excessive dark lines
	Max. Blemishes	Six Total

Advantages of NVM-16:

Small and light
Simple and reliable
Weather resistant
Superior optics
Built-in Infrared Illuminator

Included:

Night Vision device
Soft Carry Case
Operating Manual
Battery (1Xcr123)
2 years warranty

Detail Specifications of NVM-16:

Magnification:	1x 3.6x or 7x Optional
Lens System:	26 mm f1.2
Range of Focus:	24 cm to ∞
Field of View (F.O.V.):	40 ⁰
Weight:	16 oz
Environmental	Moisture Resistant
Eyepiece Diopter Adjustment:	-4 to +2
Eyepiece Eye Relief:	17 mm
Voltage:	3.0 V DC
Power Requirement:	1 CR1123 Battery
Power Switch 3 Positions:	OFF/Image Tube/IR
Continuous Operation:	40 hours
IR Illuminator Range:	~90 meters
Operating Temperature:	-42°C to 45°C
Storage Temperature:	-42°C to 60°C



Gen 2+
NVM-16 with 3.6 x magnifier lens

Optional Accessories:

- Weapon Mount
- Hard Storage/Transit Case
- Flip-up Headmount Assembly
- Day/Night Adaptor
- 3.6x f1.6 Objective
- Extended Range IR Illuminator



Flip-up Headmount Assembly



Day/Night Adapter



Weapon Mount



3.6x f1.6 Objective



Night Rifle Scope Gen 2+