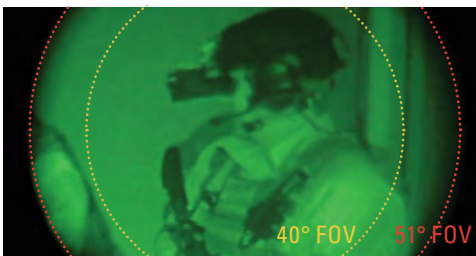




## MULTI-PURPOSE NIGHT VISION MONOCULAR

# FLIR MNVD-51<sup>®</sup>

The by FLIR MNVD is a multi-purpose night vision monocular. It can be hand held, head mounted, helmet mounted, or weapon mounted. With a 51° field of view (FOV), it provides a large visual field without needing to move the monocular. The MNVD uses advanced multi-coated optics and is built to last with a compact composite housing. Operating from a single AA alkaline battery or CR123A battery, the MNVD can run up to 40 hours.



### EXCEPTIONAL VISION

Exceptional Field of View (FOV) and built-in infrared illuminator

- With a 51° field of view (FOV), the MNVD provides a large visual field without needing to move the monocular, and makes it easier to track moving objects.
- Built-in IR illuminator and flood lens enhances night vision and allows for reading in the dark.



### COMPACT AND RUGGED

Perfect balance of size and performance

- Built with a tough, ergonomic composite housing.
- Needing only a single AA battery or one CR123 battery for convenient operation, can run up to 40 hours.



### FLEXIBLE MOUNTING OPTIONS

Packed with features for a versatile and customizable viewing experience

- For hands-free operation, the MNVD includes head and helmet mounting options, it can be used as a night vision system that enables mobility, driving, short-range surveillance, and low light reading.
- Operated by a single gain control knob, the MNVD utilizes features like a flip-up-turn-off, and a flip-down-turn-back-on option when mounted to a helmet.

## SPECIFICATIONS

General		MNVD-51
Image intensifier tube		Gen 2+ or Gen 3
Magnification		1x (3x and 5x optional)
Lens system		19 mm; F/1.26
FOV		51°
Focus range		0.25m to Infinity
Eye relief		17 mm
Diopter adjustment		-6 to +2 dpt
User Interface		
Operation knob		Power ON/ OFF; manual gain control
IR button		IR illuminator ON/OFF
Diopter adjustment ring		Adjusts the eyepiece diopter
Focus ring		Adjusts the objective lens focus
LED indicators		Indicates low battery, IR on, and excessive light conditions
Features		
Manual gain control		Yes
Bright light cut-off		Yes
Automatic shut-off system		Yes
Low battery indicator		Yes
Infrared illuminator		Yes
Power		
Battery type		One CR123A (3V) or AA (1.5 V)
Battery life (operating)		Up to 40 hours at 20°C
Environmental		
Operating temperature range		-40°C to +50°C (-40°F to +122°F)
Storage temperature range		-50°C to +50°C (-58°F to +122°F)
Physical		
Weight		0.31 kg (0.7 lbs)
Overall dimensions		160 × 54 × 79 mm (6.3 × 2.1 × 3.1 in)
Dimensions (without eyecup and lens cap)		110 × 49 × 73 mm (4.3 × 1.9 × 2.8 in)
Color (housing)		Black
Country of origin		USA

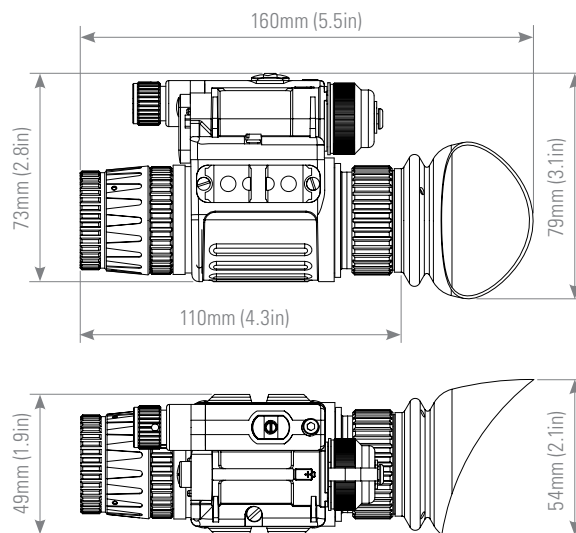
Specifications are subject to change without notice.

## Package Includes

Night Vision Monocular, Lens Cloth, Soft Carrying Case

## Optional Accessories

ANHG000004 – Goggle Kit #2  
 ANHG000002 – Swing Arm #37 - Mini Rail Adapter to Bayonet Mount  
 ANHM000172 – Swing Arm #172 - Mini Rail to Dovetail Adapter  
 ANHM000188 – Dual Bridge #188 with individual side Flip-Up Mechanism  
 ANAF3X0229 – 3x Afocal Lens with Adapter #229  
 ANAF5X0229 – 5x Afocal Lens with Adapter #229  
 ANAMRF0003 – ARFS3 - Advanced Range-Finding Stadia for 3x Afocal Lens  
 ANAMRF0005 – ARFS5 - Advanced Range-Finding Stadia for 5x Afocal Lens  
 ANEC000001 – Shutter Eyeguard #82  
 ANAM000004 – QRM - Quick-Release Weapon Mount #26/ #142  
 ANAM000045 – Extended Rail Adapter #85 - Dovetail Weaver Picatinny Rail Adapter  
 ANAM000001 – Scope Adapter Mount #6 - Allows NV Monocular to be mounted behind standard daytime optics for nighttime use  
 ANLC000134 – Demist Shield #134  
 ANLC000228 – Sacrificial Window #228  
 ANRA000001 – Dovetail #21 - Weaver Transfer Piece to attach IR Illuminator  
 ANAM000029 – Camera Adapter #46  
 ANAM000006 – Universal Camera Adapter #45 - Fully-Adjustable Video/ Photo Camera Adapter  
 ANKIXLR017 – IR850-XLR Detachable Extra Long Range Infrared Illuminator w/Dovetail to Weaver Transfer Piece #21, Rechargeable Battery, and Charger  
 ANAF18XXLR – IR850XLR Afocal Doubler - Enhances performance of IR850-XLR  
 ANHC000001 – Hard Shipping/ Storage Case #101



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