



MUM-14™

Mini-Monocular

Rev. 01 JUNE 11



The Multi-use MUM-14® Mini-Monocular is a high performance modular, hand-held passive night vision monocular device that utilizes a single Generation II/III intensifier tube to provide crisp, clear images under the darkest conditions. The Mini Monocular "single tube / single eyepiece" approach to night vision missions is based upon the proven concept that independent use of each eye maximizes the ability of the user to operate under a wide range of low light conditions and maintain maximum situational awareness.

Small and Versatile, the MUM-14 Mini-Monocular gives you a high performance 2nd or 3rd generation system in the smallest, toughest package available. The MUM-14 has the ability to be weapon mounted, head/helmet mounted, hand-held, optionally attached to C-Mount lenses, cameras and extender 3x/5x Afocal objective lenses. Also available is the dual-system head/helmet mount that allows two Mini Monoculars to become one binocular system.

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FEATURES*

- 2nd/3rd Generation
- High Res: 64 lp/mm
- Lightweight
- Compact
- Rugged Design
- Hands-free Operation
- Integrated IR Illuminator
- Submersible to 20m
- Single Battery Use (AA or CR123)
- MIL-SPEC
- Head, Helmet or Weapon Mountable
- Intuitive Modular Design
- Dual Mini Rails for Fast Head and Weapon Mounting Transition

For more information on the MUM-14 or other Nivisys products call (480) 970-3222 or visit us on the web at www.nivisys.com.

MUM-14™ BASIC KIT:

- Multi Use Monocular Assembly
- Swing Arm Interface
- Weapon Mount
- Soft Carry Case
- Battery Adapter
- Neck Cord
- Objective Lens Cap
- Sacrificial Filter
- Batteries (AA and CR123)
- Lens Tissue
- Demist Shield
- Shoulder Strap
- Eyecup Assembly
- Operator Manual (not shown)
- Head Mount Assembly with pads



OPTIONS, ACCESSORIES and FEATURES

SPECIFICATIONS*

Image Intensifier Tube
 18mm 2nd/3rd Gen

Resolution
 1.3 cy/mR (typical Gen III)

Spectral Response
 400-950nm

Objective Lens
 27mm, f/ 1.2

Magnification
 1x (unity)

Field of View
 40° standard
 13.3° with 3x Afocal
 10.0° with 4x Afocal
 8.0° with 5x Afocal

Focus Range
 15cm - ∞

Battery Type
 CR123 lithium or AA

Battery Life
 >40 hours operations (CR123)
 >20 hours operation (AA)

Dimensions (L x W x H)
 10.75 x 6.85 x 4.95 cm

Diopter Range
 +4 to -6

Weight
 260 grams

Eye Relief
 27mm

Indicators
 Low battery (yellow)
 IR illuminator (red)

Environmental
 -51C to +45C (operating)
 -51C to +85C (storage)
 20m (submersible)

*Specifications are subject to change without notice.



Swing Arm Interface
 Adapter between unit and head or helmet mounts



Magnifier Lenses
 3x, 4x, 5x Quick attach Afocal lenses



Compass
 Attaches to the objective lens



IR Flood/Spot
 Attaches to the unit's IR source



Weapon Mount
 Quick attach mount to a standard picatinny rail



Head Mount
 Allows for hands free operation



Shuttered Eyecup
 For covert operations



Helmet Mount
 Easily secures to helmet for combat missions

