

MUM-14™

Rev. 22 Jan 2013

Mini-Monocular



The MUM-14 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 MUM-14 "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 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 cameras and extender 3x/5x Afocal objective lenses. Also available is the dual-system head/helmet mount that allows two MUM-14's 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



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
-37C to +54C (operating)
-51C to +71C (storage)
20m (submersible)

*Specifications are subject to change without notice.

OPTIONAL ACCESSORIES



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



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



Compass
Attaches to the objective lens



Camera Adapter
Uses a 46mm thread to attach the MUM-14 to a camera for night vision photography. Adapter rings available.



Helmet Mount
Easily secures to helmet for combat missions



Shuttered Eyecup
For covert operations



Hoplite
Quickly focuses the MUM-14 without having to rotate the objective lens.