

# MUM-14A

## Night Vision Monocular

Rev. 11 Jun 2014



The MUM-14A is a high performance modular, hand-held passive night vision monocular device that utilizes a single Generation 3 intensifier tube to provide crisp, clear images under the darkest conditions. The MUM-14A 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-14A gives you a high performance Gen 3 system in the smallest package available. The MUM-14A has the ability to be weapon mounted or hand-held, as a 1X viewer or with optional 3X/5X magnifier lenses.

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*DISTRIBUTION: Approved by DoD/OSR for public release; distribution unlimited.*

### FEATURES\*

- **Generation 3**
- **Lightweight**
- **Compact**
- **Rugged Design**
- **Hands-free Operation**
- **Integrated IR Illuminator**
- **Single Battery Use (AA or CR123)**
- **MIL-SPEC Environmental**
- **Weapon Mountable**
- **Intuitive Modular Design**

**For more information  
on the MUM-14A or  
other Nivisys products  
call (480) 970-3222 or  
visit us on the web at  
[www.nivisys.com](http://www.nivisys.com).**

**MUM-14A BASIC SYSTEM:**

- MUM-14A Assembly
- Weapon Mount
- Soft Carry Case
- Neck Cord
- Objective Lens Cover
- Sacrificial Window
- Batteries (AA and CR123)
- Lens Cloth
- Demist Shield
- Shoulder Strap
- Eyecup Assembly
- Operator Manual
- Quick Reference Guide



**SPECIFICATIONS\***

**Image Intensifier Tube**

18mm, Generation 3  
MX-10160 Type

**Tube Resolution**

64 lp/mm (up to)  
(FOM 1000-1400)

**Objective Lens**

27mm, f/ 1.2

**Magnification**

1X (unity)

**Field of View**

40° standard  
13.3° with 3x Afocal  
8.0° with 5x Afocal

**Focus Range**

25cm - Infinity

**Battery Type**

CR123 or AA

**Battery Life**

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

**Dimensions (L x W x H)**

4.3 x 1.9 x 2.8in

**Diopter Range**

+2 to -6

**Weight**

260 grams (with AA battery)

**Eye Relief**

27mm

**Indicators**

Low battery (yellow)  
IR illuminator (red)

**Environmental**

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

**OPTIONS**



**IR Flood/Spot**

Attaches to the unit's IR source.



**Magnifier Lenses**

3X, 5X Quick attach afocal lenses.



**Compass**

Attaches to the objective lens.



**Shuttered Eyecup**

For covert operations.

\*Specifications are subject to change without notice.