



# SELECTRON INDUSTRIAL COMPANY

## MUM-14G3

### Mini-Monocular

Rev. 13 MAR 12



The Multi-use MUM-14G3 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-14G3 Mini-Monocular gives you a high performance 2nd or 3rd generation system in the smallest, toughest package available. The MUM-14G3 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-14G3 or other Selectron products call (480) 570-6202.**

Made in USA



## MUM-14G3 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



**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

## 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.