

## Multi-Use Mini Monocular

### *High-Performance Passive Night Vision Device*

The Brandes Associates hand-held Multi-Use Mini Monocular enhances the field of view while reducing the risks of temporary night blindness typically associated with night vision goggles.

The Multi-Use Mini Monocular applies a “single tube / single eyepiece” approach using an MX10160(A) Generation III intensifier tube to provide crisp, clear images under the darkest conditions. The Mini Monocular design offers the proven advantage that independent use of each eye maximizes the ability of the user to operate under a wide range of low light conditions.

The Multi-Use Mini Monocular allows the user retains full peripheral vision in the unaided eye, in conjunction with the 400 F.O.V. offered by the night vision device.



The Mini Monocular can be hand-held or installed on a variety of standard and optional headmount/helmet mount assemblies for handsfree use. The highly modular design also allows the Mini Monocular to be installed on reflex cameras and camcorders using an optional adapter. The integrated near-IR illuminator enhances the ability of the user to read maps and operate in confined spaces. The Mini Monocular is compatible with all weapon mounted near-IR laser aiming and illuminating devices.



- ▶ Lightweight
- ▶ Compact
- ▶ Extremely Affordable
- ▶ MX10160A GEN III ANVIS Tube
- ▶ Custom Slide-lock Mount Interface
- ▶ Integrated Infrared Illuminator
- ▶ Internal IR Illuminator Indicator
- ▶ Internal Low Battery Indicator
- ▶ Operates on One 3.0V Lithium Battery
- ▶ 40 Hours of Continuous Operation
- ▶ Wide Range of Mount Interfaces
- ▶ Optional Camera/Camcorder Adapter

*Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State office of Defense Trade Controls prescribed in the International Traffic in Arms Regulation (ITAR), Title 22, Code of Federal Regulation, Parts 120-130.*

**For more information contact:**  
imagery.solutions@brandes-assoc.com  
or phone 817-562-1655

Brandes Associates Inc.  
1417 Crestline Dr.  
Santa Barbara, CA. 93105

# Multi-Use Mini Monocular Technical Specifications

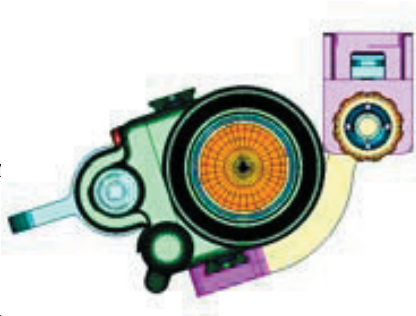


## Multi-Use Mini Monocular

Magnification: .....	1x
f-number: .....	1.2
Field of View (F.O.V.): .....	400
Eyepiece Diopter Adjustment: .....	-4 to +6
Eye Relief: .....	27mm
Weight: .....	260g
Voltage: .....	3.0VDC
Power Requirement: .....	1 DL123A
Continuous Operation: .....	>40 hours
IR Illuminator Range: .....	~20 meters
Dimensions (l x w x h inches): .....	4.2 x 2.0 x 2.5

## ANVIS 18mm GEN III MX10160

Photo response @ 28560K: ...1800mA/l (min.)  
 Photo response @ 830nm: ...190mA/Watt (mir.  
 Gain @ 2x10-6FC: .....,000 – 70,000  
 Gain @ 2x10-4FC: .....,000 – 20,000  
 Signal-Noise Ratio: .....,19.0 (typical)  
 Resolution: .....,64 lp/mm (typical,



## Kit Components:

- ▶ Multi-use Minimonocular
- ▶ Lens Cap
- ▶ Eye-cup
- ▶ Battery
- ▶ Soft Carrying Case
- ▶ Operator Manual
- ▶ Demist Shield
- ▶ Sacrificial Window
- ▶ Headmount Assembly
- ▶ Headmount Adapter
- ▶ Picatinny Weapon Mount Adapter
- ▶ Lens Tissue

## Optional Components:

- ▶ Flip-up Helmet Mount
- ▶ 3x Lens (Special Custom Order)
- ▶ Dive Windows
- ▶ Video/Camera Adapters
- ▶ Dual Carriage Mount
- ▶ 3x or 5x Afocal Lens

