

# NIVISYS™

## NIGHT VISION SYSTEMS

### DMS-15™

Rev. March 14, 2018

#### Dual Monocular System



The DMS-15 system has been designed and configured to be comparable to a PVS-15 in performance, size and weight. However, the MUM-15 boasts another feature that the PVS-15 does not - it's ability to be separated into two complete monocular systems. It is one of the most versatile binoculars systems on the market to day because it can be taken apart to be used as two monoculars or attached to two different weapons as night vision sights (along with compatible reflex day optics). The two monoculars are bridged together by a rugged and light weight Wilcox Bridge. The Wilcox Bridge allows the binocular configuration to completely open up to reduce "NOD smack". The standard configuration comes with the PVS-15 style dovetail style connection, but an adapter can be purchased to fit to the PVS-7 style pyramid connection.

The DMS-15 is made up of two MUM-14's. The MUM-14 is a high performance modular, hand-held passive night vision monocular device that utilizes a single Gen 3 intensifier tube to provide crisp, clear images under the darkest conditions. Small and Versatile, the MUM-14 gives you a high performance Gen 3 system in the smallest package available. The MUM-14 has the ability to be hand-held, weapon mounted, head/helmet mounted, or used with 3x/5x afocal magnifier lenses.

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#### FEATURES\*

- Versatile and Modular
- Gen 3 Tube Technology
- High Res: 64 lp/mm
- Lightweight
- Compact
- Rugged Design
- Hands-free Operation
- Integrated IR Illuminator
- Uses AA or CR123 battery types
- Head, Helmet or Weapon Mountable
- Intuitive Modular Design
- Dual Mini Rails for Fast Head and Weapon Mounting Transition

**For more information on the DMS-15 or other Nivisys products call (915) 633-8354 or visit us on the web at [www.nivisys.com](http://www.nivisys.com).**

Made in USA

## DMS-15 BASIC SYSTEM:

- Multi Use Monocular Assembly (2ea.)
- Dual Bridge Assembly (1ea.)
- Swing Arm Interface (2ea.)
- Weapon Mount (2ea.)
- Soft Carry Case (2ea.)
- Battery Adapter (2ea.)
- Neck Cord (2ea.)
- Objective Lens Cap (2ea.)
- Sacrificial Lens 2ea.)
- Batteries: AA and CR123 (2ea.)
- Lens Tissue (2ea.)
- Demist Shield (2ea.)
- Shoulder Strap (2ea.)
- Eyecup Assembly (2ea.)
- Head Mount Assembly with pads (2ea.)
- Quick Reference Guide (not shown)
- Operator Manual (not shown)



## OPTIONAL ITEMS



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



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



**Compass**  
Attaches to the objective lens

## SPECIFICATIONS\*

**Image Intensifier Tube**  
18mm 3rd Gen type MX-1060 (2ea.)

**Resolution**  
1.3 cy/mR (typical Gen III)

**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**  
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

**Interpupillary Distance (IPD)**  
51mm to 72mm

**Diopter Range**  
+4 to -6

**Weight**  
Single monocular configuration  
260g  
Binocular configuration  
650g

**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.