

# DVS-110

## Divers Vision System

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Nivisys has developed the DVS-110 as a platform for underwater applications using the submersible MUM-14D hand-held night vision viewer. The DVS-110 has been tested to depths of 20 meters (66ft) and has proven to be operational at these depths. It is a great tool for operations where underwater visibility is needed and gives the operator a hands-free tactical advantage to the mission.

The Nivisys MUM-14D fits on the dive mask to make a great solution for underwater operations that require enhanced vision devices. The interface allows either eye to be used and gives dual range axis of adjustments. The DVS-110 system is supplied with custom Nivisys components to aid in deep water immersion. When not in use in the water, the system can be utilized as a weapon mounted, helmet mounted or handheld night vision monocular.

### FEATURES\*

- Dual Mission –  
Sea and Land
- Submersible to 20m
- Gen 3 Tube Technology  
Green or White Phosphorus
- High Res: 64 lp/mm
- 40° Field of View
- Lightweight & Compact
- Rugged Design - Mil Spec
- CR123 or AA Battery
- Covert Application Ready
- Versatile and Modular
- Hand held or hands free  
Dive Mask mounted  
Head/Helmet mounted  
Weapon Mounted  
1913 Rail interface
- U.S. Divers Mask for maximum under water view

**For more information on  
the DVS-110 or other  
Nivisys products call  
(915) 633-8354 or visit us  
on the web at  
[www.nivisys.com](http://www.nivisys.com).**

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**Made in USA**

## DVS-110 BASIC KIT:

- MUM-14D Monocular Assembly
- U.S. Divers Mask with Mount
- Head Mount Assembly with pads
- Swing Arm Interface
- Weapon Mount
- Neck Cord
- Objective Lens Cap
- Dive Window
- Batteries (AA and CR123)
- Lens Tissue
- Anti-fog spray bottle
- Shoulder Strap
- Eyecup Assembly
- Operator Manual
- Soft Carry Case for MUM 14D
- Hard Carry Case for Mask
- Quick Reference Guide



## FEATURES



### Hand Held Unit

When the MUM-14D is detached from the dive mask, it becomes a handheld night vision device



### Headmount Adapter

Interface between unit and head or helmet mounts



### Weapon Mount

Quick attach mount to a standard picatinny rail

## OPTIONS



### Magnifier Lenses

3x, 5x Quick attach Afocal lenses



### IR Flood/Spot

Attaches to the unit's IR source



### Shuttered Eyecup

For covert operations

## SPECIFICATIONS\*

### Image Intensifier Tube

18mm 3rd Gen

### Resolution

1.3 cy/mR (typical Gen III)

### Objective Lens

27mm, f/ 1.2

### Magnification

1x (unity)

### Field of View

40° standard

### Focus Range

25cm - ∞

### Battery Type

CR123 lithium or AA

### Battery Life

>40 hours operations (CR123)

>20 hours operation (AA)

### Dimensions (L x W x H)

11.4 x 4.9 x 7.9 cm

### Diopter Range

+4 to -6

### Weight

305 grams with battery (monocular)

### Eye Relief

25mm

### Indicators

Low battery (yellow)

IR illuminator (red)

### Environmental

-37C to +54C (operating)

-51C to +85C (storage)

20m (submersible)

\*Specifications are subject to change without notice.

