



SMS-14™

Rev.01 JUN 11

Surveillance Monocular System



Nivisys developed the SMS-14 Surveillance Monocular System in response to very specialized requirements for covert surveillance and human intelligence gathering applications under the cover of darkness. The SMS-14 is a variant of the MUM-14 family of products that incorporates an integral C-mount objective lens interface. This allows the operator to select from a wide variety of specialized wide angle, zoom, telephoto lenses, best suited for the mission objectives. In addition, the SMS-14 includes a unique adapter assembly that locks onto the monocular and provides a generic interface for the camera system of choice.

There is also an integrated 1/4-20 tripod mount attachment for stabilized photography. The SMS-14 can be mated to an extensive range of reflex, CMOS, CCD, and video cameras, by selecting the appropriate commercially available adapter rings. This provides the operator with the best configuration to meet covert photographic needs.

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FEATURES*

- 2nd/3rd Generation
- 35mm Adaptable
- Smallest Available
- Camcorder Adaptable
- Rugged Design
- Tri-Pod Mount
- C-mount Lens Ready
- Tactical Monocular
- Surveillance Package
- Standard Batteries
- Light Weight
- One Year Warranty

For more information on the SMS-14 or other Nivisys products call (480) 970-3222 or visit us on the web at www.nivisys.com.

Made in USA
www.nivisys.com

SMS-14™ BASIC KIT:

- Modified MUM-14 Assembly
- Lens Adapter for 2/3" C-Mount
- SMS-14 Camera Adapter
- 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



SMS Camera Adapter
Adapter between the SMS-14 and camera is designed with a tripod mount (standard)



Lens Adapter for 2/3" C-Mount
Allows you to add your own lens to the night vision device (standard)



Shuttered Eyecup
For covert operations (optional)



Camera Adapter Ring
Interfaces between the SMS camera adapter and the camera (standard)



IR Flood/Spot
Attaches to the unit's IR source (optional)



SMS-14
Shown mounted to camera (not included) and with a C-mount lens (not included)

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
15mm - ∞

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)

*Specifications are subject to change without notice.

