

SCORPION™

Rev. 21 Jan 2013

Multi-Purpose Thermal Imager



The SCORPION combines the ergonomic features of a handheld and the convenience of weapon mounting. Based on the proven 320 x 240 Thermal-Eye™ 4500 amorphous silicon microbolometer core, the SCORPION is an ideal product for force protection, border patrol officers, police SWAT and special operations forces.

The SCORPION is designed with an incorporated, lever action Picatinny Rail mount and includes a 1/4-20 thread mount for tripod operations. The SCORPION has been proven in live-fire, full-auto, M4/M-16 platforms and suitable for most weapon systems equipped with a Picatinny rail.

Ruggedly designed, the SCORPION has withstood extensive drop and environmental testing to include immersion tests to 3 meters. The 12-degree field-of-view offers exceptional mid-range detection and is designed to be one of the most versatile thermal weapons sights in the marketplace today.

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FEATURES*

- Digital 2x/4x Zoom
- Rapid start-up in 4 seconds
- 5 selectable reticles
- Digital boresight capability
- Image capture feature stores 200 pictures with USB download interface
- More than 6 hours operation with four CR123 lithium batteries
- Amorphous Silicon detector with 320 x 240 resolution
- Includes protective shield to reduce eyepiece exposure from sand and dust
- Video Output (NTSC)

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

SCORPION BASIC KIT:

- Scorpion
- CR123 Lithium Batteries (4ea.)
- Neck Lanyard
- Lens Cover
- Lens Cleaning Kit
- Weapon Mount
- Eyecup
- Demist Shield
- Soft Carrying Case
- Computer Interface Cable
- Shoulder Strap
- Hand Strap
- Tripod Mount Adapter
- Quick Reference Guide
- Operator Manual

SPECIFICATIONS*

Sensor
320 x 240, Amorphous Silicon Microbolometer

Thermal Sensitivity
<50mK

Spectral Response
7 – 14 μm

Objective
50mm

Polarity
white hot / black hot

Detection Range
3000 ft (914m)

Field of View
12° x 9°

Battery Type/ Life
4 each, 123 3V Lithium
Over 6 hours continuous

Weight
34 oz (964g)

Dimensions (L x W x H)
28.0 x 6.9 x 7.6cm
11" x 2.75" x 3"

Image Capture
200 images
(integrated storage)

Diopter Range
+2 to -6

Eye Relief
27mm

Video Output
NTSC Composite Video

Operating Temperature
-4°F to 140°F (-20°C to 60°C)

Storage Temperature
-4°F to 167°F (-20°C to 75°C)

*Information is subject to change without notice.

FEATURES



Lens Cover
Injected molded urethane to withstand the rugged wear and tear of everyday usage



Computer Interface Cable
Supplies Power and features BNC and USB connections



Weapon Base Mount
Attaches to standard 1913 rail system

OPTIONS



Shuttered Eyecup
Ruggedized for covert operations

- Picatinny Rail Riser
- 1.5" See-Through Picatinny Rail Riser
- AC Power Adapter