

## SCORPION™

Rev. 20 MAY 11

### 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](http://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

**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

**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.

