

SCORPION

Rev. 29 JAN 09

Multi-Purpose Thermal Imager



The Multi-Purpose Thermal-Eye™ 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.

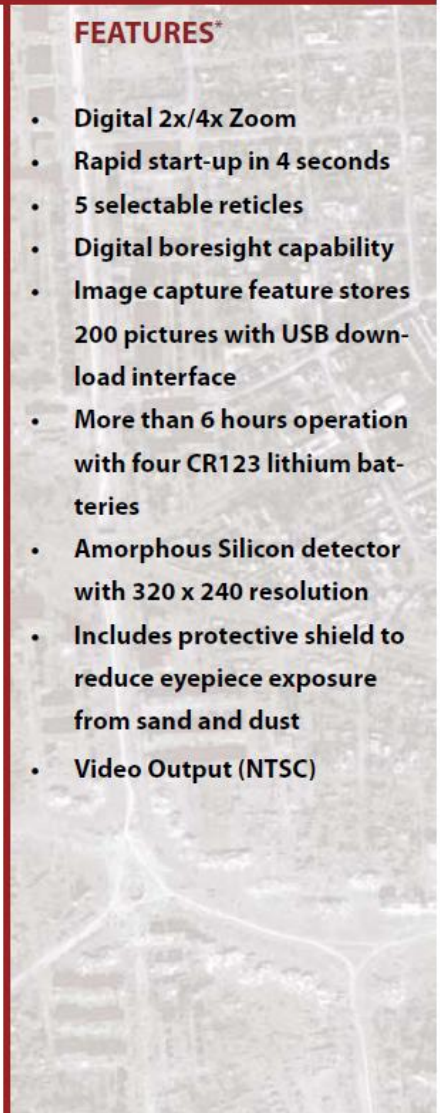
The Scorpion is designed with an incorporated, lever action Picatinny Rail mount and includes a 1/4-20 thread mount for tripod operations. The Scorpion has been proven in live-fire, full-auto, M4/M-16 platforms and suitable for most weapon systems equipped with a Picatinny rail.

Light weight and 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.

Export of the commodities described herein is strictly prohibited without a valid export license issued by the U.S. Department of State, Directorate of Defense Trade Controls as proscribed in the International Traffic in Arms Regulations (ITAR), Title 22 Code of Federal Regulation, Parts 120-130.

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)



SCORPION BASIC KIT:

- Scorpion
- Four 123 Lithium Batteries
- Neck Lanyard
- Lens Cover
- Lens Cleaning Kit
- Soft Carrying Case
- Computer Interface Cable
- Standard Picatinny Rail Mount
- Open Eyecup Assembly
- Quick Reference Guide
- Operator Manual

FEATURES



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



Shuttered Eyecup
Ruggedized for covert operations



Weapon Base Mount
Attaches to standard 1913 rail system



Computer Interface Cable
Supplies Power and features BNC and USB connections

OPTIONS

- Picatinny Rail Riser
- 1.5" See-Through Picatinny Rail Riser
- AC Power Adapter
- Laser Pointer (835nm infrared and visible)

SPECIFICATIONS*

Sensor

320 x 240, Amorphous Silicon Microbolometer

Thermal Sensitivity

<50mK

Spectral Response

7 – 14 μ m

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 176°F (-20°C to 80°C)

*Informati

ange without notice.

Please call for additional information.



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THERMAL-EYE™