

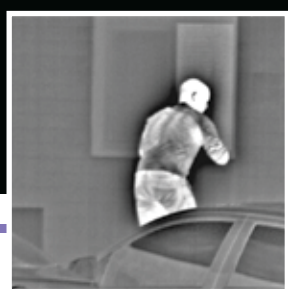
Sii HM

HANDHELD THERMAL MONOCULAR



Features and Benefits

- Extra Lightweight & Compact**
 The Sii HM thermal monocular provides extra lightweight night vision capability. Its compact size enables the user to quickly focus on a specific object using only one eye. The monocular is suitable for surveillance, perimeter security, search and rescue, and other applications on land or at sea.
- Nightvision Capabilities & Long Range Detection**
 Sii HM delivers high resolution nighttime vision capabilities, enabling human target detection up to 2,000 meters and vehicle detection up to 4,000 meters.
- Long Operating Performance**
 Sii HM provides brighter and sharper images day or night, in all security and civil operations, offering twenty hours of continuous operation. Sii HM combines excellent performance and affordability in an extra lightweight, highly portable device.



- **Extra light weight**
- **Long range observation**
- **Low maintenance**
- **Long operating life**

Electro-Mechanical Characteristics	
Waterproof	IP67
Operating temperature	-40° to +50°C (-40° to +122° F)
Power source	Rechargeable batteries
Operating time	Up to 20 hours
Start up time	<2 secs (5 secs shutterless version)
External power input	Yes
External video output	Yes
Output computer communication	Yes
Weight	700gr (2.1 lb) without battery
Interface	Standard rail grabber
Packaging	Soft case & hard case

Imaging Characteristics	
Resolution	640 x 480, 17µm
Spectral response	7 - 14µm
Frame rate	25/30 Hz
Video output	PAL/NTSC
Display	OLED Matrix, SVGA >852x600
Brightness and contrast adjustment	Manual/auto
Digital zoom	x1, x2, x3, x4 (continuous digital zoom option)
Optical magnification	x4 (with 75mm lens)
Lens size	45mm, 60mm, 75mm, 100mm, 140mm
Reticle	16 reticles, B/W, range estimation, dynamic reticle
Field of view	8.3° x 6.2° (with 75mm lens)
Polarity control	Manual (white hot / black hot)
Focus	Adjustable 5m to infinity
Image storage	Up to 200 images

Sii HB

HANDHELD THERMAL BINOCULAR

Features and Benefits

- **Nightvision Capability**

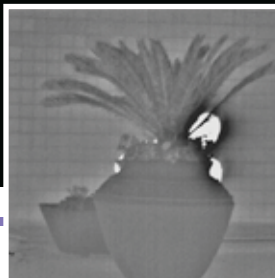
The Sii HB handheld thermal binocular provides night vision capability for surveillance, perimeter security, search and rescue, and other applications on land or at sea.

- **Long Range Detection**

Sii HB delivers high-resolution nighttime vision capabilities, enabling human target detection up to 2,000 meters and vehicle detection up to 4,000 meters.

- **Extra Long Operating Performance**

Sii HB provides brighter and sharper images day or night, in all security and civil operations, offering up to forty hours of continuous operation. Sii HB is an unmatched combination of excellent performance and affordability in a portable, lightweight device.



- **Light weight**
- **Long range observation**
- **Low maintenance**
- **Extra long operating life**

Electro-Mechanical Characteristics	
Waterproof	IP67
Operating temperature	-40° to +50°C (-40° to +122° F)
Power source	Rechargeable batteries
Operating time	Up to 40 hours
Start up time	<2 secs (5 secs shutterless version)
External power input	Yes
External video output	Yes
Output computer communication	Yes
Weight	950gr (2.1 lb) without battery
Interface	Standard rail grabber / 1/4" screw thread
Packaging	Soft case & hard case

Imaging Characteristics	
Resolution	640 x 480, 17µm
Spectral response	7 - 14µm
Frame rate	25/30 Hz
Video output	PAL/NTSC
Display	OLED Matrix, SVGA >852x600
Brightness and contrast adjustment	Manual/auto
Digital zoom	x1, x2, x3, x4 (continuous digital zoom option)
Optical magnification	x4 (with 75mm lens)
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