

Sii WS

THERMAL WEAPON SIGHT



The Sii WS thermal weapon sight provides enhanced night vision capabilities for a variety of applications. Sii WS delivers high-resolution night time images to carbines and rifles, enabling human size target detection up to 2,000 meters and vehicle detection up to 4,000 meters.

These field proven weapon sights can be quickly adjusted and boresighted to any type of weapon being used.

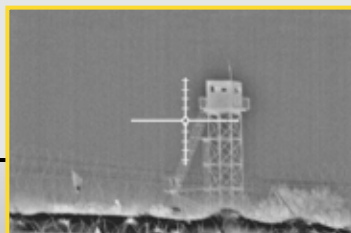
KEY BENEFITS

KEY FEATURES

- **Long range detection** - 4,000m
- **Digital zoom**
- **Fast startup** - <5 seconds
- **Quick detection** - user selectable reticles and color palettes enable fast detection of targets
- **Lightweight** - portable device weighing less than 1kg (2.2lb) with batteries
- **Longer operating life** - Up to 9 hours
- **Versatile** - 45mm, 60mm, 75mm, 100mm, 140mm lens options
- **Shutterless technology** - delivers reliable performance and eliminates acoustic noise
- **Image storage** - up to 200 image snapshots

WHY SII WS?

- Unparalleled combination of lightweight design, excellent performance, and affordable price
- Variety of lenses
- Easy target detection day or night
- Delivers high accuracy in all weather conditions
- Simple to use
- Energy efficient



APPLICATIONS

The **Sii WS** thermal weapon sight is designed to increase accuracy and effectiveness — enhancing the safety of security personnel during operations. Sii WS provides the ability to detect threats in total darkness, bad weather, or when the target is camouflaged. The high contrast thermal imaging allows users to easily detect people against the background as their body heat clearly gives away their location.

Imaging Characteristics	
Resolution	640x480, 17µm
Spectral Response	7 - 14µm
Frame Rate	60Hz
Video Output	PAL / NTSC
Display	OLED Matrix, SVGA
OLED Gain Adjustment	Manual
Brightness and Contrast Adjustment	Manual / Auto
Digital Zoom	x1 to x4 (0.2 steps)
Optical Magnification	x4 (with 75mm lens)
Eye Relief	24mm
Lens Size	45mm, 60mm, 75mm, 100mm, 140mm
Reticle	Sixteen reticles, B/W, range estimation, dynamic reticle
Polarity Control	White hot / Black hot
Focus	Adjustable 5m to infinity
Image Storage	Up to 200 images
Additional Features	Digital compass, elevation / rotation calculation, dynamic reticle
Characteristics	
Waterproof	IP67
Operating Temperature	-40°C to +50°C (-40°F to +122°F)
Operating Time	Up to 9 hours (2x 18650 batteries)
Startup Time	5 seconds
External Power Input	Yes
External Video Output	Yes
Output Computer Communication	Yes (via USB port)
Weight	Less than 1kg (2.2 lb) with batteries
Interface	Standard rail grabber