



Key Features



VMD Edge Analytics

Self-learning VMD analytics map a static scene, ensuring maximal detection of objects with minimal false alarms in all weather conditions.



Cybersecurity Ready

Multiple cybersecurity features help improve network security. The cameras are tested against an application security verification standard.



Multiple Lens Options

A wide range of lens options ensuring effective coverage for all projects.

Key Benefits



Easy Integration & Compatibility

optimized for third-party analytics ensuring effective detection. Compatible with ONVIF for simple integration.



Shutterless Operation

A shutterless NUC ensures effective results, regardless of weather; it also reduces false alarms and gives the option of field-replaceable lenses.



Rugged Design

Ruggedly designed to withstand the harshest environmental conditions.

Sii OP Security Solutions



The Sii OP is a thermal camera with an additional visible day camera for situational awareness.

The thermal camera has edge VMD analytics capable of learning a scene and detecting small moving objects while minimizing false alarms. Due to its propriety shutterless NUC operation, the Sii OP can deliver outstanding results even in the worst weather conditions, ensuring effective detection around the clock.



Perimeter Security

Carefully planned deployment of thermal imaging cameras enable full coverage of large perimeters, providing alerts in the event of breaches or the presence of unauthorized individuals in restricted areas under any weather and lighting conditions.



Critical Infrastructure

Thermal cameras placed along a perimeter can passively monitor and protect critical infrastructure from unauthorized intrusions. Cameras strategically placed within a site can help monitor critical areas and mitigate any risks, such as theft or sabotage.



Safe City

Thermal imaging can deter crime in urban areas and by providing images in all weather conditions and complete darkness. The cameras can help spot a potential suspect and see a crime taking place in dark or poorly lit areas, enabling an effective response.

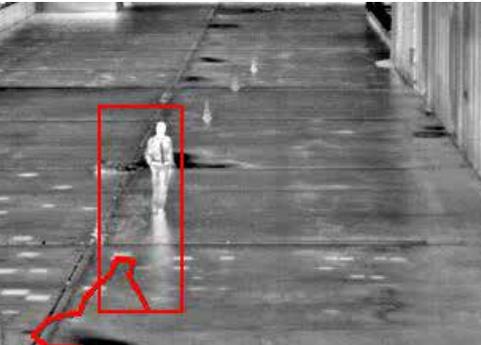


Intruder Alert

Thermal cameras provide 24/7 intruder detection, protecting long perimeters of up to several kilometers, providing instant visual verification of the cause and position of any breach.

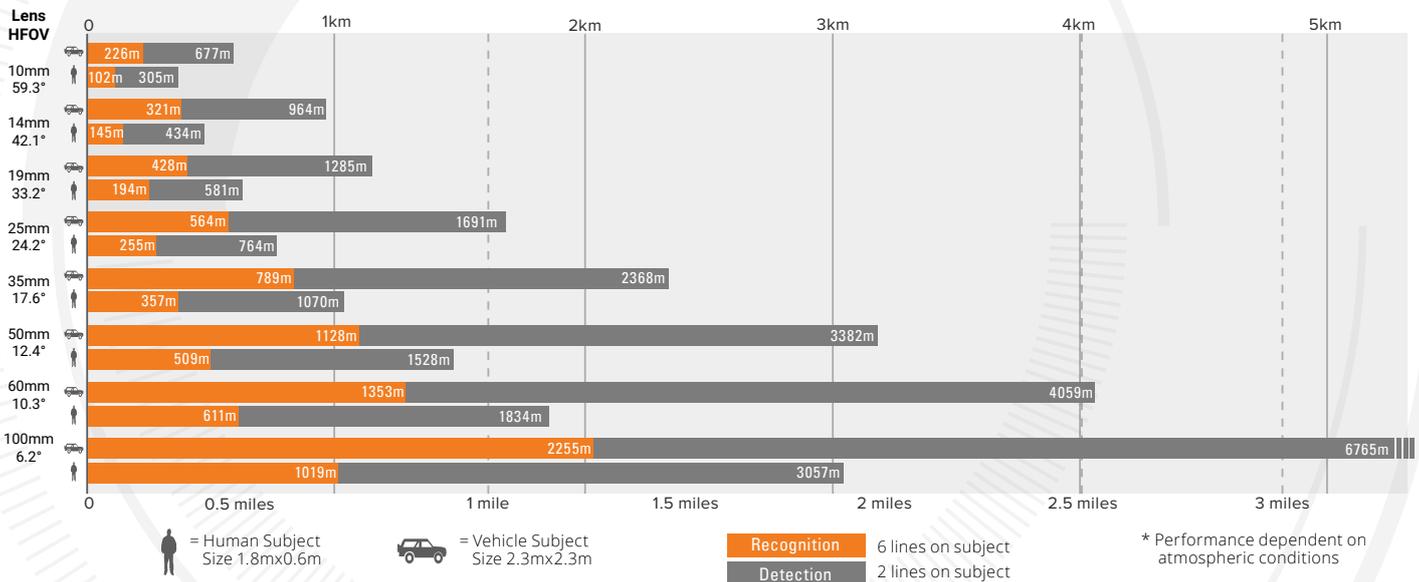


Extra Long-Range Portable Surveillance



Analytics package

- Highly Sensitive 16 bit embedded video motion detection system.
- Capable of differentiating objects smaller than 6 pixels and 0.1°
- Scene learning process; removal of constant objects which can cause false alarms (vegetation, branches in wind etc.)
- Full range of tagging possibilities
- Entrance/exit detection, tripwire/virtual fence, human, vehicle and animal classification
- Analytics intuitive Setup Wizard



Specifications Overview

Imager Type	Cooled 17μ 8-14μm
Format	640X40 (VGA) 384X2 (QVGA)
NETD	VGA < 50°mK QVGA < 70°mK
Video Output	H.264, Motion JPEG (25Hz or 9Hz)
Lens Options (mm)	10, 14.2, 19, 25, 35, 50, 60, 100
Focus	Fixed (Athermal)
Power Input	12-32VDC or PoE (IEEE802.3af)
Communication Protocol	ONVIF Profile S Web GUI Interface

Certifications	CE, FCC, IP66, UL
Operating Temperature	-30°C to +55°C
Visual Lens	FoV: 52° x 43° Resolution: 640 x 480, 1024 x 768, or 1280 x 768
Zoom	D. Zoom x2 x4 Thermal channel
Network Protocols	IPv4, HTTP, HTTPS, SSL/TLS, RTSP, DHCP
Streaming	RTSP, Unicast, Multicast
Dimensions	202mm x 135mm x 169mm 7.95" x 5.32" x 6.65" (without sunshield)
Weight	Max: 2.6kg 5lbs 12oz (with respect to selected optics)