Sii OP

Imagine an advanced compact thermal camera with everything you need in one package, without sacrificing image quality, detection capabilities, or features.

Presenting the new Sii™ OP, our most state of the art observation system to date, boasting an incredibly easy installation with day and night capabilities and a dedicated software development kit for full seamless third party integration.

Equipped with thermal and visible-light channels for day and night surveillance, Sii™ OP meets global ONVIF standards to ensure interoperability of hardware and software products for easy integration to both existing and new infrastructures, regardless of manufacturer.
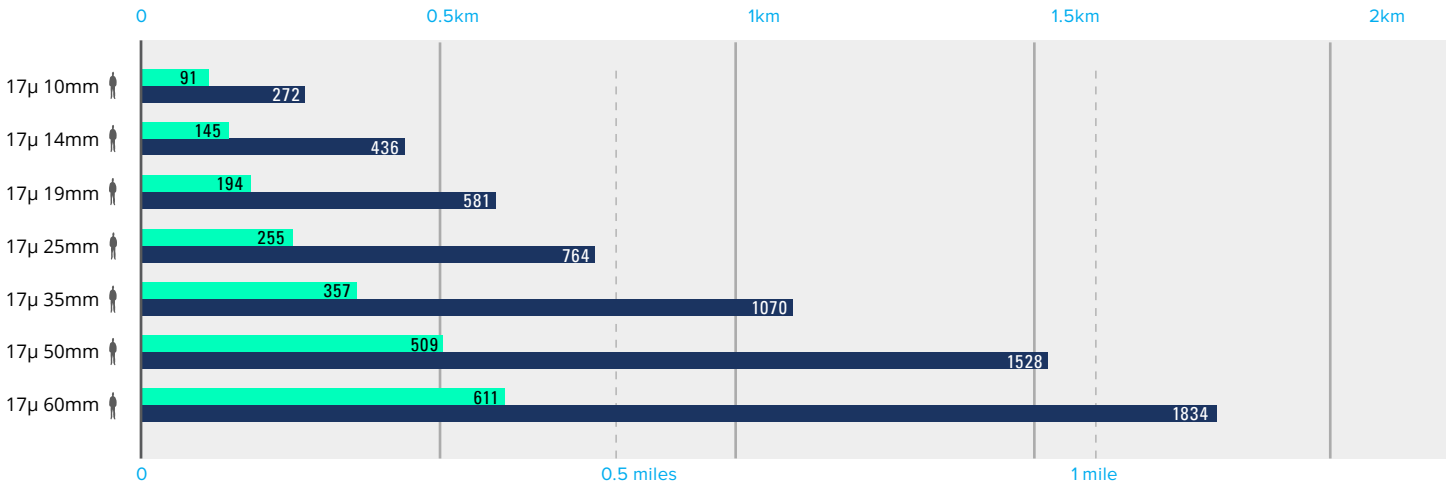
FEATURES

BENEFITS FOR INTEGRATORS

- **On-board video analytics**
  For seamless target detection, tracking and alerts

- **Innovative Features**
  New design provides HD day and VGA / QVGA thermal night channels simultaneously in one compact, feature rich unit

- **Easy Installation**
  ONVIF profile S standard ensures simple integration into new or existing infrastructures

- **Software Compatible**
  The only truly open thermal camera, allowing for seamless integration with the software of your choice

- **Advanced Optics**
  10mm, 14mm, 19mm, 25mm, 35mm, 50mm, and 60mm athermal lenses available

- **Low Cost of Ownership**
  Incredible value in a compact and lightweight package

- **Best Support for Analytics**
  Highest detection with lowest false alarm rate

- **Rugged Design**
  Ruggedly designed to withstand the harshest environmental conditions

BENEFITS FOR SOFTWARE PARTNERS

- **Best Output Results**
  Hig performance camera that will showcase your software's best features

- **Partnership Opportunities**
  Ability to join our exclusive Vumii partners program

- **Dedicated Software Development Kit**
  For easy integration of analytics and other software

- **Vumii Support**
  Full access to our extensive support library and our dedicated support team

vumii

	0	0.5km	1km	1.5km	2km

17μ 10mm 🚶 — 91 / 272

17μ 14mm 🚶 — 145 / 436

17μ 19mm 🚶 — 194 / 581

17μ 25mm 🚶 — 255 / 764

17μ 35mm 🚶 — 357 / 1070

17μ 50mm 🚶 — 509 / 1528

17μ 60mm 🚶 — 611 / 1834

0	0.5 miles	1 mile

🚶 = Human Subject Size 1.8m x 0.6m

Recognition	6 lines on subject
Detection	2 lines on subject

* Performance dependent on atmospheric conditions

Vumii's extensive network of partners, integration abilities, competitive pricing, and high performance capabilities make the Sii™ OP an easy choice for all surveillance needs, allowing you to cover more ground with less cameras, compared to traditional CCTV solutions.

Visual Camera	
Imager	HD CMOS
Resolution	1280 x 720
FOV	52° x 43°
Focus	Autofocus
Thermal Camera	
Imager	Uncooled 17μ microbolometer 7.5 – 14μm
Resolution	640 x 480 / 384 x 288
NETD	< 40mK
Frame Rate 8.7 Hz or 25 Hz	CE, FCC
Video Modes	Black hot / white hot
Optics	10mm, 14mm, 19mm, 25mm, 35mm, 50mm, 60mm
System Interfaces	
Control	ONVIF, web GUI configurator
Video over Ethernet	Two independent channels of H.264, M-JPEG
I/O	1 available auxiliary general use built in I/O
General	
Unit Dimensions	7.95" (L) x 5.32" (W) x 6.65" (H) 202mm (L) x 135mm (W) x 169mm (H)
Weight	< 6.94lbs (3.15kg) – with respect to selected optics
Input Voltage	12-32VDC or PoE+ (IEEE802.3at)
Enivronmental	
Operating Temperature	-30C° to +55C°
IP Rating	IP66

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