

## Optex Sensors Video verification



# Highlights

## INTEGRATION

Once an Opex Sensor has detected an event, V4 generates a video clip with pre and post buffer.

The video clip can be sent using different protocols, email, dry contact, XML, FTP, HTTP etc

Video Analytics adds meta-data to the video clip. This is valuable for the operator.

IP devices are integrated directly (no extra wire required).



## PLATFORM

Customizable response protocols after alarm.

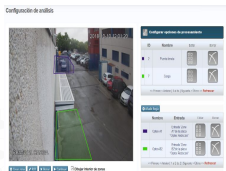
Records events on-site.

All the configuration is web based. No software installation required.

NUC hardware: Video Analytics up to 12 cameras.

Server hardware: Video analytics up to 32

Based on robust & secure Linux OS.



## TECHNOLOGY

Sensors and video analytics use different sensing technologies:  
**RedScan:** Laser

**Fiber Sensys:** Wire

**Beams:** Infrared.

**RedWall:** Thermal.

Different technologies are harder to sabotage.



The main software in Monitoring Stations are integrated: MAS, IBS, Manitou .

## Software

	VIM-A	VVO	DDO
Linux based Web interface	YES	YES	YES
Unlimited Action protocols	YES	YES	YES
Optex IP protocol integrated	YES	YES	YES
I/O compatible (for non IP devices)	YES	YES	YES
Sends video clip to Monitoring Station (MS)	YES	YES	YES
Sends video clip with metadata	NO	Yes, meta-data added by video Analytics	Yes, meta-data added by video Analytics
Sends video clip ONLY when video analytics triggers alarm	NO	No, the sensor has to detect an event first.	Yes
Sends video clip ONLY when sensor triggers alarm	Yes	No, the event must be verified by video analytics	Yes
Sends video when both sensor and video analytics detect event	NO	NO	YES

## Hardware

### Technical specifications rack server (SV2)

Channels supported	Up to 24 VVO / DDO / DT+
Processor	Intel
HDD	High performance SATA / SSD
Dimensions	429 mm (W) x 411 mm (D) x 43 mm (H) (1U)
Weight	8 Kg
Food and consumption	Input of 100-230V AC / 50-60Hz 300 W maximum at full operation
Net	2 network sockets RJ-45 10/100/1000
Environment	From 10 ° C to 35 ° C
Environmental certifications	EU Council Directive 2014/30/EU European Standard EN55022, Class A
Optional	Sound card (purchased separately)

### Technical specifications compact unit NUC

Channels supported	Up to 8 channels VVO / DDO / DT+
Processor	Intel
HDD	High performance SATA / SSD
Dimensions	115 mm x 111 mm x 51 mm
Weight	1,6 Kg
Food and consumption	Input of 100-240V AC / 50-60Hz and output of 19V to 3.43 A 65 W maximum at full operation
Net	RJ-45 10/100/1000 y WiFi 802.11ac de 2.4 GHz o 5 GHz.
Environment	From 0 ° C to + 40 ° C
Environmental certifications	RoHS (2011/65/EU), WEEE (2012/19/EU) y China RoHS
Others	Includes VESA mounting kit

