

Synthesized Intelligent IP outdoor PIR detectors

## SIP-3020-IP SIP-4010-IP SIP-404-IP



The SIP-3020-IP SIP-4010-IP and SIP-404-IP are outdoor, middle-range, IP infrared sensors which are POE compliant and integrate seamlessly with major Video Management Systems (VMS) providers\*. These sensors are specifically designed to trigger outdoor IP CCTV systems where high performance is required; and make the visual verification for remote video monitoring, easier and more accurate.

The SIP-3020-IP SIP-4010-IP and SIP-404-IP cover a detection area of respectively 30x20m, 40x10m, and 40x4m; and all provide two independent sensitivity selectors for near and far areas.

The SIP-3020-IP, SIP-4010-IP SIP-404-IP feature an intelligent detection system that uses data from the ambient environment such as temperature and illuminance to automatically adjust the sensitivity and minimise false alarms. They are also equipped with anti-masking and anti-rotation features to detect vandalism and tampering.

### FEATURES

- Intelligent PIR detection system
- Detection of ambient temperature and illuminance for automatic sensitivity management
- Advanced detection algorithm
- Three dual pyro-elements with patented Double Conductive Shielding
- Anti-vandalism functions
  - Anti-rotation function with accelerometer
  - Anti-masking function with photo-beam
  - Reinforced polycarbonate housing
- Max. 4m (13ft.) installation height
- Independent sensitivity selector for near/far areas
- Adjustable alarm interval time
- BS8418 Compliant - U.K.
- POE compliant
- IP sensors integrated with major VMS providers\*

\*The SIP-3020-IP, SIP-4010-IP SIP-404-IP are currently fully integrated with Milestone XProtect® and the REDWALL event code is integrated with Genetec Security Center. Please check the latest status by consulting the integration list on our website.

### OPTIONS

**SIP-AT** - SIP Adjustment tools (include AVF-1 Area view finder and AWT-3 Audible walk tester)

**SIP-MINI HOOD** - Sun/Snow shield

**SIP-HU** - Heating Unit (When the SIP-HU is used, the power for SIP series should be 22-26VAC.)

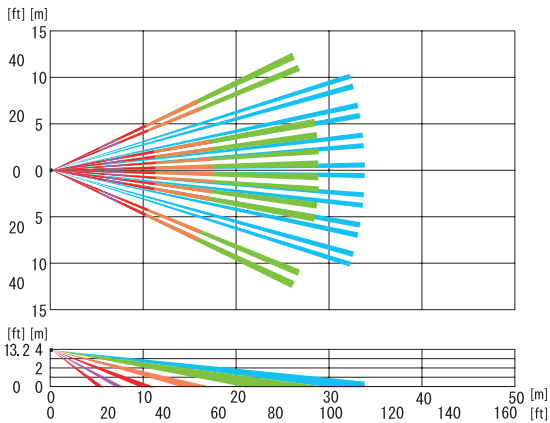
### SPECIFICATIONS

Model	SIP-3020-IP	SIP-4010-IP	SIP-404-IP
Detection method	Passive infrared		
Coverage	30 x 20 m (100 x 65 ft.)	40 x 10 m (130 x 33 ft.)	40 x 4 m (130 x 13ft)
Power supply	PoE * (IEEE802.3af/at compliant)		
Current draw	40mA max, 75mA, 415mA max with optional heating unit		
Mounting height	2.3 to 4 m (7.6 to 13 ft.)		
Sensitivity selector	Far: SH/H/M/L Near: SH/H/M/L		
Detection logic selector	AND / OR		
Alarm output (main area)	Redwall event Code (UDP/TCP)		
Alarm interval period	Off/15, 30, 60 sec		
Alarm period	Approx. 2 sec		
Warm-up period	Approx. 60 sec		
Operating temperature	-25 to +60 C, -40 to +60 C with optional heating unit (-13 to +140 F, -40 to +140 F with optional heating unit) If the heater is used, it should be external 22-26V AC (not POE)		
IP rating	Main unit:IP65 / Chassis:IP55		
Dimensions (H x W x D)	248 x 102 x 266 mm (9.8 x 4.0 x 11.4 in.)		
Weight	1.7 kg		
Supported protocols	IPv4, ARP, UDP, TCP, ICMP, HTTP		
Function setting	Use web browser		

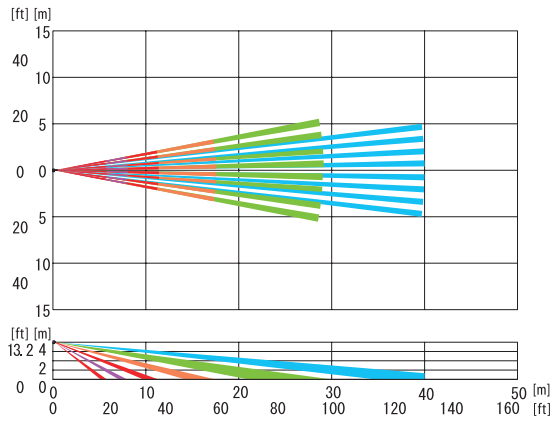
\* Specifications and design are subject to change without prior notice.

## DETECTION AREAS

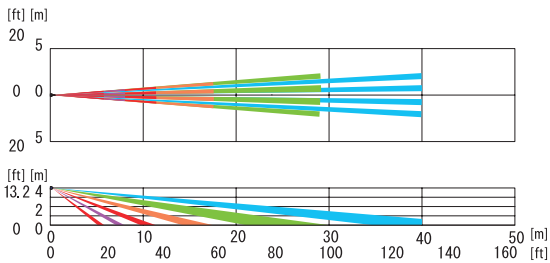
### SIP-3020-IP



### SIP-4010-IP

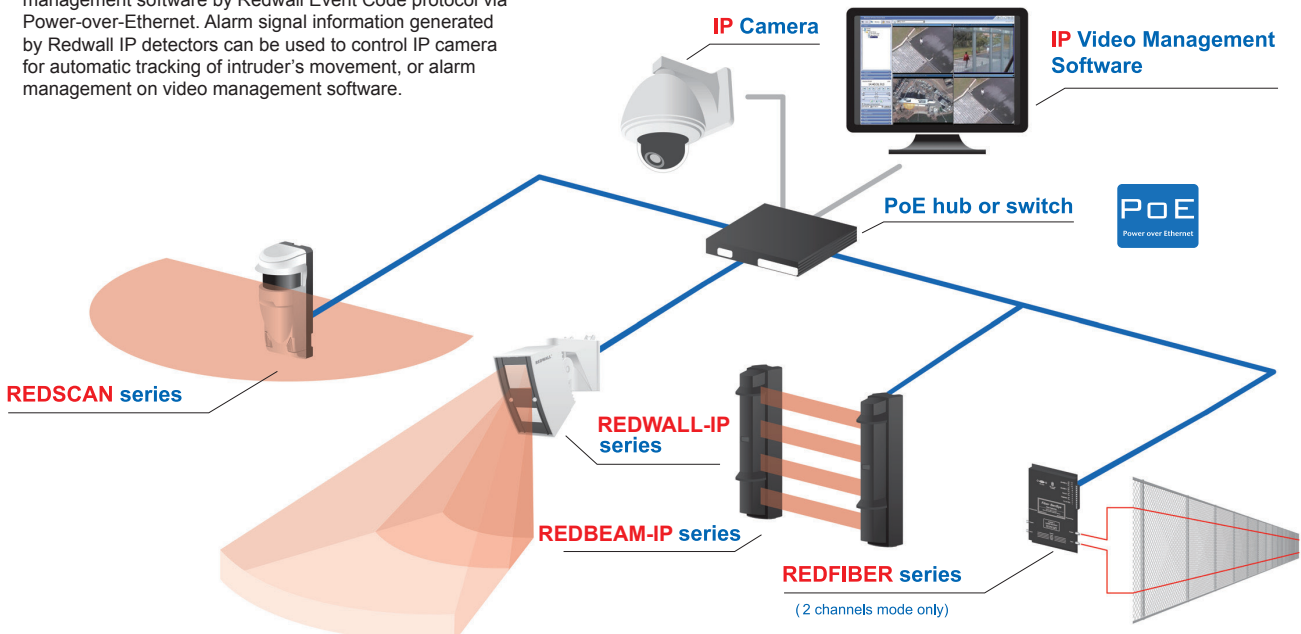


### SIP-404-IP



## SYSTEM DIAGRAM

Redwall IP detectors communicate with major video management software by Redwall Event Code protocol via Power-over-Ethernet. Alarm signal information generated by Redwall IP detectors can be used to control IP camera for automatic tracking of intruder's movement, or alarm management on video management software.



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