

REDWALL Laser Scan Detector
RLS-3060L



The REDSCAN RLS-3060 series is an innovative laser scan detector. It can detect a moving object's size, speed and distance from the detector and process that information with a unique algorithm, which results in high reliability detection with minimal false alarms. The detector can also be mounted vertically or horizontally according to the application and site conditions.

The REDSCAN RLS-3060L is a lower cost, high performance advanced intrusion device with four adjustable detection zones and linked outputs for PTZ camera control. It brings detection solutions for: fence line, building protection, rooftop and narrow boundary zone with simplified controls.

The REDSCAN RLS-3060L can be installed directly on an IP security network and integrates with all major Video Management Software (VMS) platforms.

FEATURES

- 30m radius for 190 degrees
- Vertical and horizontal mounting
- Unique detection algorithm
- Automatic area setting function
- Environmental disqualification circuit
- Anti-rotation function
- Anti-masking function
- 4 independently adjustable detection areas and 4 linked outputs for PTZ camera control (on analog connection and IP connection)
- Fog cancellation algorithm (patent pending)
- Analog (dry-contact) and IP connection
- Environmental resistance function
- Non detection area adjustment
- Scene selection (outdoor and Indoor)

OPTIONS



RLS-AT

RLS Adjustment Tool Kit
(Including REDSCAN MANAGER
Setup software and LAC-1)



LAC-1

Laser Area Checker



RLS-PB

Pole Mount Bracket



RLS-SB

Adjustable Angle Mounting Bracket

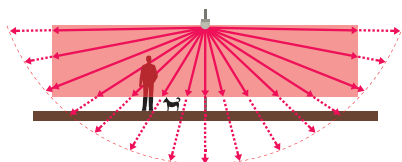
SPECIFICATIONS

Model		RLS-3060L		
Detection method		Infrared Laser Scan	Sensitivity selector	H / M / L
Laser protection class		Class 1	Camera control output	N.O. 28 VDC, 0.2 A x 4 outputs
Coverage	Vertical area	Max. 60 m (Approx. 200 ft.) at 10% reflectivity	Master alarm output	Form C, 28 VDC, 0.2 A max.
	Horizontal area	Radius:30 m (Approx. 100 ft.), Arc:190° at 10% reflectivity	Trouble output	Form C, 28 VDC, 0.2 A max.
Detection resolution		0.25°	Tamper output	N.C. 28 VDC, 0.1 A max.
Communication port		Ethernet ,RJ-45 ,10BASE-T/100BASE-TX	Environmental disqualification circuit	Form C, 28 VDC, 0.2 A max.
Protocol		UDP, TCP/IP *Redwall Event Code	Alarm period	Approx. 2 sec., Off delay timer
Power input		24 VDC , 24 VAC	Operating temperature	-20 to 60 °C (-4 to 140° F)
Current draw		400 mA max. (24 VDC) 600 mA max. (24 VAC)	IP rating	IP66
Mounting height	Vertical area	15m (50ft.) max. (recommendation)	Dimensions (H x W x D)	334 x 144 x 155 mm (13.2 x 5.7 x 6.1 in.)
	Horizontal area	0.7m (28in.) (recommendation)	Weight	2.4 kg (85 oz)
Target object selector		S / M / L		

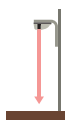
* Specifications may be modified without prior notice.

Image of vertical detection area

Top view



Side view



Vertical detection area example

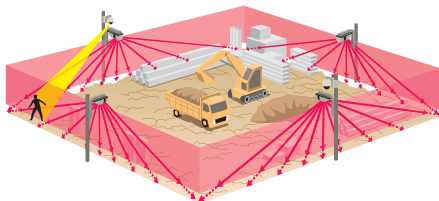
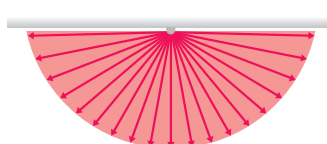
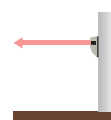


Image of horizontal detection area

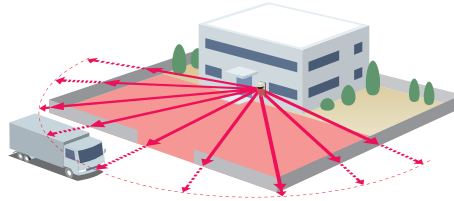
Top view



Side view



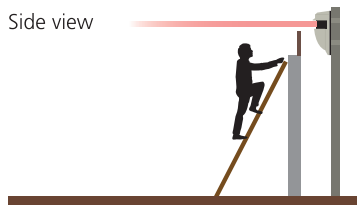
Horizontal detection area example



Fence/wall top protection

The REDSCAN will detect intruders climbing over a fence or a wall by creating a detection area above it.

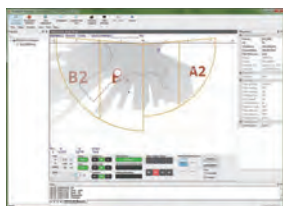
Side view



Application Example

- Airport
- Prison
- Power plant/Substation
- Water treatment facility
- Logistic
- Data center
- Car dealer
- Bank
- Hospital/Care center
- Government office
- VIP house

REDFAN Manager



Users can set the scan area through the PC and easily adjust the detection area and configurations with REDFAN Manager software.

REDFAN



Note PC

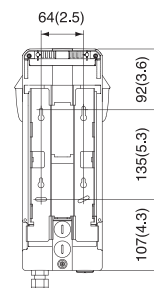
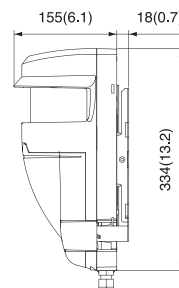
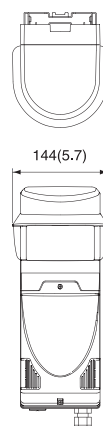


Integrated with VMS platforms

The REDSCAN 3060L is integrated with most Video Management Software (VMS) platforms enhancing the performance of CCTV security systems by detecting and tracking objects in harsh light and weather conditions.

The REDSCAN 3060L is currently fully integrated with Milestone XProtect platform and its event code – the REDWALL Event code – is integrated with AXIS ACAP and with a large number of VMS platforms including Avigilon, Axonsoft, ExacqVision and Genetec. Please check the latest integration list by visiting www.optex-europe.com or www.optex.vms.com.

Dimensions



Unit:mm(inch)



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