

RLS-3060SH



The REDSCAN RLS-3060 is an innovative laser scan detector. That identifies a moving object's size, speed, and distance from the detector. It processes that information with a unique algorithm, resulting in a highly reliable detection system with minimal false alarms. The detector can also be mounted vertically or horizontally according to the application and site conditions.

The REDSCAN RLS-3060SH is an advanced generation laser scan detector. It has both intelligent detection analysis functions and adjustable detection algorithm parameters that increase its range of applications. It provides flexible solutions that streamline video monitoring. In addition, it can be used in a frigid climate with Built-in heater.

With the RLS-3060SH firmware ver. 8 and REDSCAN Manager ver. 8.0, Detection range expansion which contributes to reduce installation costs and new setting options become available as the following items with asterisk(*)

FEATURES

- 30m radius for 190 degrees range
- Vertical and horizontal mounting
- Unique detection algorithm
- Form C master alarm output
- Automatic area setting function
- Environmental disqualification circuit
- Scene selection (Indoor, Outdoor, Indoor/Outdoor Fence/Wall top protection, Indoor/Outdoor Loitering, Indoor Ceiling/Wall protection and Vehicle)
- 4 independently adjustable detection areas and 4 linked outputs for PTZ camera control (on Analog connection)
- 8 independently adjustable detection area and Redwall event codes for Network Recorder and Video Management software (on IP connection)
- Anti-rotation function
- Anti-masking function
- Fog cancellation algorithm (Patent listed)
- Trouble output
- Tamper output
- Built-in heater
- Analog (Dry contact) & IP connection
- Environmental resistance function
- Non detection area adjustment
- Alarm duration function
- Detection range expansion mode*
- Changeable Dry-contact Alarm Output type N.O. to N.C.*

OPTIONS

LAC-1 : Laser area checker
 RLS-PB : Pole mount bracket

RLS-SB : Adjustable angle mounting bracket

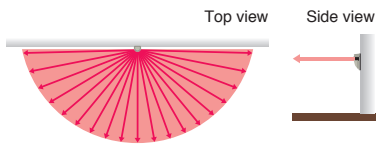
SPECIFICATIONS

Model	RLS-3060SH
Detection method	Infrared Laser Scan
Laser protection class	Class 1
Coverage	Max. 60 m (Approx. 200 ft.) at 10% reflectivity / Detection range expansion enable max. 100 m (Approx. 330 ft.). Radius:30 m (Approx. 100 ft.), Arc:190° at 10% reflectivity / Detection range expansion enable radius:50 m (Approx. 165 ft.), Arc:190°.
Detection resolution	0.25°
Communication port	Ethernet ,RJ-45 ,10BASE-T/100BASE-TX
Protocol	UDP, TCP/IP *Redwall Event Code
Power input	24 VDC 24 VAC
Current draw	400mA max. (24 VDC) 600mA max. (24 VAC)
Heater power input	24 VDC, 24 VAC
Heater current draw	400mA max. (24 V DC/AC)
Mounting height	Vertical area 15 m (50ft.) (recommendation) Horizontal area 0.7 m (28in.) (recommendation)
Target object selector	S / M / L
Sensitivity selector	H / M / L
Camera control output *	N.O. 28 VDC, 0.2 A x 4 outputs / Can be changeable to N.C. with RSM ver.8.
Master alarm output	Form C, 28 VDC, 0.2 A max.
Trouble output	Form C, 28 VDC, 0.2 A max.
Tamper output	N.C. 28 VDC, 0.1 A max.
Environmental disqualification circuit	Form C, 28 VDC, 0.2 A max.
Alarm period	Approx. 2 sec., Off delay timer
Operating temperature	-20 to 60 °C (-4 to 140° F)
Operating temperature with heater	-40 to 60 °C (-40 to 140° F)
IP rating	IP66
Dimensions (H x W x D)	334 x 144 x 155 mm (13.2 x 5.7 x 6.1 in.)
Weight	2.5kg (88 oz.)

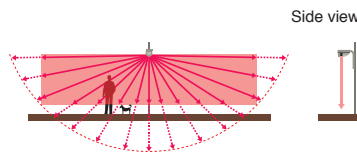
Note : Specifications and design are subject to change without prior notice.

DETECTION AREAS

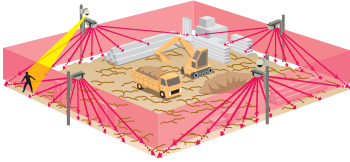
■ Image of horizontal detection area



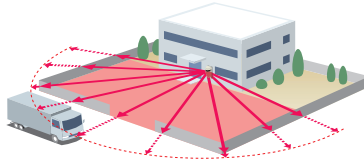
■ Image of horizontal detection area



■ Vertical detection area example

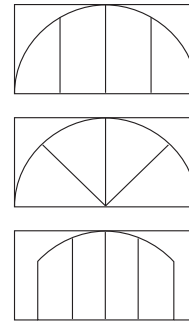


■ Horizontal detection area example

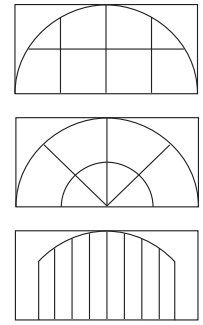


DETECTION AREA PATTERN

4 Zones



8 Zones



SCENE SELECTION

Outdoor Fence / Wall top protection



Area Allocating



Indoor, human hand detection



Outdoor Loitering detection



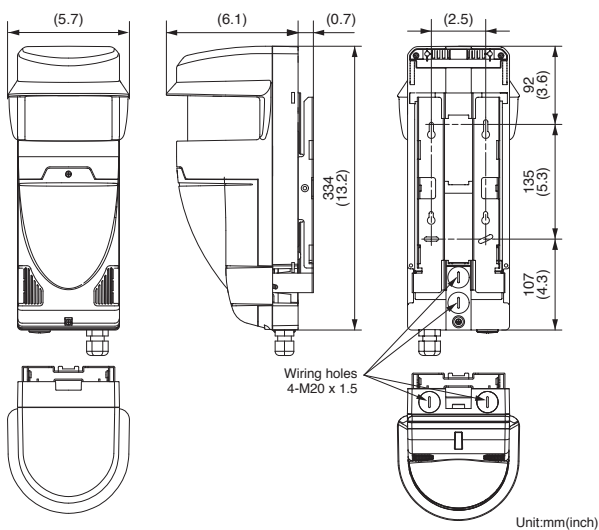
Area Masking



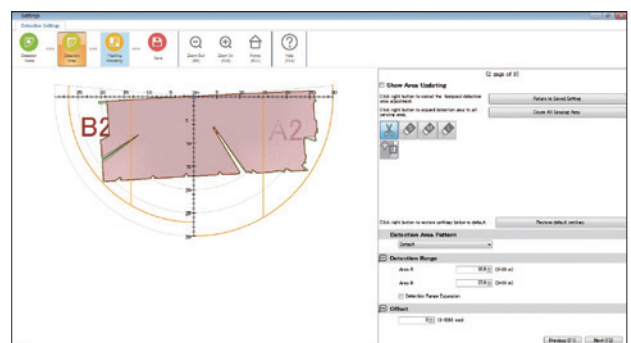
Vehicle detection



DIMENSIONS



REDSAN MANAGER (Optional software, but needed to set-up)



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