

Battery handling

Conforms to WEEE Directive (2012/19/EU).
Do not dispose as general household wastes.
Follow national laws/regulations to dispose.
Lithium Manganese Dioxide Batteries (Li/MnO₂) are used.
Follow EU Battery Directive (2013/56/EU) to dispose batteries.

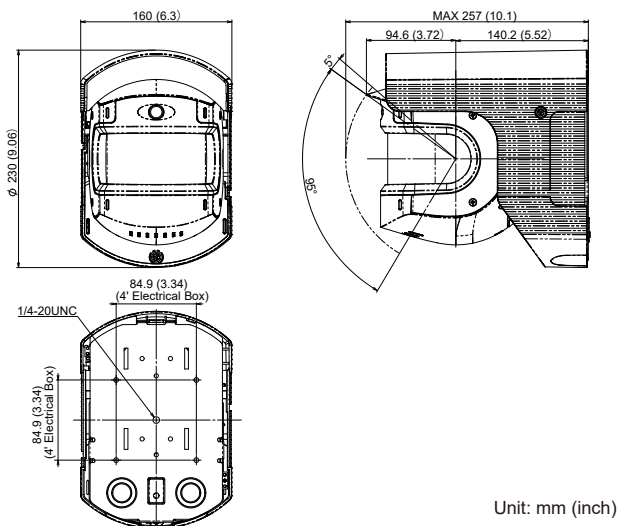
Personal Information

This product is equipped with the function to produce moving image of the designated area and its surrounding and can store the recorded image which includes the information such as face of an individual that could identify the individual.

Prior to the installation of this product, the compliance to local laws and regulations needs to be confirmed by the user of this product for the lawful use of this product. User of this product is deemed to be responsible for the compliance of any laws and regulations relating to personal information, privacy protection and rights of portrait upon use of this product. Image taken by this product is required to be treated appropriately under the responsibility of the user of this product.

OPTEX Co., Ltd. and its subsidiaries (hereinafter collectively called "OPTEX") shall not willfully obtain or utilize the image taken by this product. However, only when dealing with troubles of this product upon request of user, OPTEX may obtain and utilize the necessary image recorded by this product. When doing so, OPTEX shall not treat such image for the purpose of identifying an individual. OPTEX shall treat such image/video according to its Privacy Policy. When requesting OPTEX to support a trouble of this product, the user may be required to perform applicable legal notification. Ensure to follow the appropriate procedure prior to the provision of personal information and data to OPTEX. Installation of this product, producing image, monitoring, recording with camera and handling of personal information or data shall all be performed under discretion and responsibility of user of this product, and OPTEX shall not be held liable for any dispute between a user and a third party.

2 DIMENSIONS



3 OPTIONS

LAC-1 : Laser area checker
RLS-LWV : REDSCAN Pro laser window
RLS-LWVH : REDSCAN Pro laser window with heater
RLS-LWVH provides defroster function to the laser window.

4 SPECIFICATIONS

Model	RLS-50100V	RLS-3060V
Installation location	Indoor/Outdoor	
Detection method	Infrared Laser Scan	
Laser protection class	Class 1	
Power input	19.2-30 VDC, PoE+ (IEEE 802.3at compliant)	
Current draw	500 mA max. (24 VDC), 12 W max. (PoE+)	
	With optional heater window	1.25 A max. (24 VDC), 25.5 W max. (PoE+) The power consumption limit can be lower by selecting lower heater power with the web based configuration tool.
Mounting method	Ceiling mount, Wall mount, Pole mount	
Detection area	50 x 100m, 190 degree (approx. 165 x 330 ft.)	30 x 60m, 190 degree (approx. 100 x 200 ft.)
Detection range	Radius 1 to 50 m (approx. 3.3 to 165 ft.) at 10% reflectivity	Radius 1 to 30 m (approx. 3.3 to 100 ft.) at 10% reflectivity
Detection resolution/Response time	0.125 degrees / within 100 msec. to 15 min.	0.25 degrees / within 100 msec. to 15 min.
Mounting height (Vertical mode)	Indoor: 2 m (approx. 6.7 ft.) or higher Outdoor: 4 m (approx. 13 ft.) or higher (recommended)	
Communication port	Ethernet RJ-45 10BASE-T/100BASE-TX (Auto negotiation)	
Protocol	UDP/ TCP/ HTTP/ HTTPS/ IPV4/ DNS/ DHCP/ SNMPv1-v3/ NTP/ WS-Discovery/ ONVIF	
Output	6 outputs, 28 VDC 0.2 A max. N.O./N.C. (selectable) (6 from Master alarm, Zone alarm, Trouble, Tamper, Environmental Disqualification, Device Monitoring) (programmable)	
Input	1 Non-voltage contact input (Detection profile switching, Area set, Sensor check) (programmable)	
Alarm period	Approx. 2 second delay timer	
Operating temperature	-20°C to 60°C (-4°F to 140°F)	
	With optional heater window	-40°C to 60°C (-40°F to 140°F)
IP rating	IP66	
Dimensions (H x W x D)	230 x 160 x 257 mm max. (9.1 x 6.3 x 10.1 inch)	
Weight	2.6 kg (5.7 lbs.)	
Image sensor	Full HD	
Image resolution	1080P (Web User Interface) 720P/360P (RTSP)	
Viewing angle	H : 170° V : 85°	
Minimum illumination	Approx. 1 lux.	
Day and night	Removable infrared-cut filter (Auto / Night / Day) (selectable)	
Image compression	H.264, JPEG	
Frame rate	1 to 30 FPS (selectable)	

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

EU contact information

Manufacturer:
OPTEX CO., LTD.
5-8-12 Ogoto Otsu Shiga, 520-0101 JAPAN

Authorised representative in Europe:
OPTEX (EUROPE) LTD./EMEA HEADQUARTERS
Unit 13, Cordwallis Park, Clivemont Road,
Maidenhead Berkshire, SL6 7BU U.K.



OPTEX INC./AMERICAS HQ (U.S.)
www.optexamerica.com

OPTEX (EUROPE) LTD./EMEA HQ (U.K.)
www.optex-europe.com

OPTEX TECHNOLOGIES B.V.
(The Netherlands)
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RLS-50100V/3060V

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