



PRESS RELEASE

OPTEX launches new generation of indoor laser scanner

OPTEX, a leading global sensor manufacturer, is expanding its series of award-winning REDSCAN laser sensors with the launch of a new short range, indoor model that features the same proven benefits of its 'larger' companions but is lighter, more compact and has a range of additional control and power features similar to those enjoyed by IP Dome cameras.

The RLS-2020I is an indoor sensor using a new generation of laser that provides a customisable 'virtual' wall or pane with a detection area up to 20m (65ft) x 20m (65ft) to identify the presence of people or objects. It protects areas from security breaches such as intrusion, theft or unauthorised access as well as improving the reliability of video based motion detection and surveillance.

By measuring the time it takes for the emitted laser beam to hit an object and reflect the signal back to the sensor the RLS-2020I can analyse the size, location and speed of the encountered object. The system can be set up to trigger only when a certain size of object is detected or when a distance threshold has been reached.

The scanned technology used in the sensor is based on Class 1 laser technology used for industrial, safety and security applications and presents no hazard to health. It is not affected by any lighting conditions and will detect in complete darkness. The accuracy and precision of the detection makes it a perfect trigger to event-driven video surveillance systems, by driving cameras to pre-determined positions and 'pointing' to where the intrusion or presence occurs.

A particular feature of the new scanner is its energy efficiency; it is Power over Ethernet (PoE) enabled, consuming only six watts of power. It is also very easy to set up, program and control. An easy web browser feature facilitates fast set up, while a more in-depth configuration can be achieved by using dedicated REDSCAN Manager software. It also features three programmable series analogue dry contact outputs, giving flexibility in programming specific commands including tamper, environment or alarm. The short-range laser can be integrated with Video Management Software (VMS), Network Video Recorder and Physical Security Information Management (PSIM) platforms.

The compact and discreet design of the new OPTEX laser sensor together with its wall and ceiling mounting options enable it to blend very well into an indoor environment. It can also be custom-painted to become even less obtrusive, an option that is important in nearly every private house, hotel, retail store, art

gallery or modern office building. It features a splash proof housing which makes it suitable for more humid environment such as glasshouses or indoor swimming pools.

Massaya Kida, Senior Manager Product and Business Planning Department, OPTEx says that the new scanner brings a new level of detection to installers and end-users alike: "We have used our experience of similar technologies and the feedback from customers to design a new sensor that has many of the design features and mounting functionalities of an IP Dome camera, so that it is easy to install and similarly easy to integrate within any video security solution."

The RLS-2020I will be showcased at ISC West April 6th to 8th booth 22015 and IFSEC 2016 June 21st to 23rd.

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