

INDOOR PIR DETECTORS

FLIPX SERIES: RESIDENTIAL / COMMERCIAL	High Grade PIR for Residential & Commercial Use FlipX Standard/Professional Series With unique 180° rotatable lens for customized wide or narrow detection Detection pattern can be customized from 85° wide for covering large open spaces, to 5° for covering long narrow passages or windows. Standard Models  Residential & light commercial  FLX-S-ST 40ft, 85° wide, or 60ft narrow Hardwired PIR Replaces OPTEX RX-40PI & EX-35T  FLX-S-DT 40ft, 85° wide, or 60ft narrow Hardwired Dual-Tech Professional Models  Commercial  FLX-P-ST 50ft, 85° wide, or 80ft narrow Hardwired PIR  FLX-P-DT 50ft, 85° wide, or 80ft narrow Hardwired Dual-Tech	High Grade PIR for High-End Commercial Use FlipX Advanced Series With unique 180° rotatable lens & anti-masking function Detection pattern can be customized from 85° wide to 5° narrow Advanced Models  High-end / high-risk commercial  FLX-A-AM 50ft, 85° wide, or 80ft narrow Hardwired PIR, anti-masking Replaces OPTEX CDX-AM & CDX-NAM  FLX-A-DAM 50ft, 85° wide, or 80ft narrow Hardwired Dual-Tech, anti-masking Replaces OPTEX CDX-DAM	360° Coverage for Residential or Commercial Applications Recessed Mount PIR Discreet PIR spot detection  AP-360B(C) 20ft x 360° Hardwired PIR 8'2" - 14'9" mounting height Light control option AP-360BR(C) 20ft x 360° Battery-operated PIR 8'2" - 14'9" mounting height Battery saving timer SX Ceiling PIR  Unique zoom function with twistable domed lens for easy adjustment  SX-360Z 60ft x 360° 8-16ft mounting height Triple-element detection 5 year limited warranty FX Ceiling PIR  Specialized hard spherical lens for durability and precision detection  FX-360 25-40ft, 360° RFI immunity 20 V/m Patented multi-focus lens Selectable pulse count 2 or 4	Heavy Duty PIR for Harsh Commercial Environments & Industrial Applications CX-702 Series  Sealed optics Multi-focus technology Maintained sensitivity Extreme false alarm resistance -4°F to +122°F CX-702 70 x 70, 150 x 8ft Commercial with dual lens CX-702RS 70 x 70, 150 x 8ft Commercial wireless-ready with dual lens CX-702Ri  70 x 70, 150 x 8ft Wireless with transmitter & battery
	FLIPX SERIES: ADVANCED CURTAIN PIR	360° CEILING MOUNT	HARSH ENVIRONMENT	

OUTDOOR PIR DETECTORS



SHIELD SERIES	Flexible Performance & Modern Design BX Shield Boundary Detector 4 PIR technology, 2 on each side Independent detection settings per side  BX-SH 80ft, 40ft per side Hardwired standard BX-SH-AM 80ft, 40ft per side Hardwired with anti-masking BX-SH-R 80ft, 40ft per side Wireless standard BX-SH-RAM 80ft, 40ft per side Wireless with anti-masking VX Shield Wide Angle Detector Intelligent PIR or Dual Tech Animal tolerant Active infrared anti-masking  VX-SH 40ft, 90° range Hardwired PIR, anti-masking VX-SH-AM 40ft, 90° range Wireless PIR, anti-masking VX-SH-DAM 40ft, 90° range Hardwired dual tech, anti-masking VX-SH-RDAM 40ft, 90° range Wireless dual tech, anti-masking	180° High & Low Mount Detection WX Shield Panoramic Detector Up to 80ft total detection, 40ft on each side Independent detection settings per side Triple-layer detection with anti-masking  WXS-AM 8 to 40ft, 180° range Hardwired PIR, anti-masking WXS-DAM 8 to 40ft, 180° range Hardwired Dual-Tech, anti-masking WXS-RAM 8 to 40ft, 180° range Wireless PIR, anti-masking WXS-RDAM 8 to 40ft, 180° range Wireless Dual-Tech, anti-masking Outdoor PIR for Lights & Cameras LX Weatherproof Series  LX-402 40ft x 50ft With double conductive shield LX-802N 80ft x 6ft Narrow long range	Dual PIR Sensors for Short & Mid-Range Detection HX High Mount Series   HX-40 40ft x 50ft Standard high mount HX-40AM 40ft x 50ft With anti-masking HX-40DAM 40ft x 50ft Dual tech with anti-masking HX-40RAM 40ft x 50ft Wireless ready HX-80N 80ft x 6ft Long range standard HX-80NRAM 80ft x 6ft Long range wireless ready QXI High/Low Mount Series  QXI-ST 40ft, 120° range Hardwired PIR QXI-DT 40ft, 120° range Hardwired Dual-Tech with anti-masking QXI-R 40ft, 120° range Wireless PIR QXI-RDT 40ft, 120° range Wireless Dual-Tech	Dual PIR Technology Sleek and Compact Design Intelligent Size Judging Function FIT Compact Series Weatherproof Animal tolerant Quick & easy installation Affordable detection Built-in bracket with 190° rotation Wired Models  FTN-ST 16.4 x 3.3ft / 6.6 x 1.6ft Standard wired FTN-AM 16.4 x 3.3ft / 6.6 x 1.6ft With anti-masking Wireless Ready Models  FTN-R 16.4 x 3.3ft / 6.6 x 1.6ft Wireless ready FTN-RAM 16.4 x 3.3ft / 6.6 x 1.6ft Wireless ready, with anti-masking FTN-R-PT 16.4 x 3.3ft / 6.6 x 1.6ft Universal wireless transmitter compatible
	SHIELD SERIES SPECIAL APPLICATION	SPOT / CURTAIN PROTECTION	FIT SERIES DUAL PIR	

WIRELESS iSERIES

With Inovonics EN1941 transmitter(s) & batteries pre-installed, installation time & cost are dramatically reduced.
Suggested Inovonics Receivers: EN4232MR, EN4216R, EN4204R



WIRELESS WITH BUILT-IN TRANSMITTERS & BATTERIES



FTN-RAMi

Selectable 16.4ft x 3.3ft or 6.6ft x 1.6ft detection coverage
Dual PIR technology with anti-masking



QXI-RDTi

40ft by 120° detection range, high or low mount
Dual tech PIR & microwave technology with anti-masking



VXS-RAMi

40ft by 90° detection range
PIR technology with anti-masking

VXS-RDAMi

40ft by 90° detection range
Dual tech PIR & microwave technology with anti-masking



BXS-RAMi

80ft total detection coverage
Quad PIR technology, 40ft detection range per side,
with anti-masking. Monitors both sides independently
or simultaneously



WXS-RAMi

8ft to 40ft range, 180° panoramic coverage, high or low mount
PIR technology, with anti-masking. Monitors both sides
independently or simultaneously

WXS-RDAMi

8ft to 40ft range, 180° panoramic coverage, high or low mount
Dual tech PIR & microwave technology, with anti-masking.
Monitors both sides independently or simultaneously



BX-80NRi

80ft x 3ft total detection coverage
Dual PIR technology, 40ft x 3ft detection range per side



HX-40RAMi

40ft x 50ft detection coverage
High mount dual PIR technology with anti-masking



HX-80NRAMi

80ft x 6ft detection coverage
High mount dual PIR technology, long & narrow detection range



SL-100TNRi Hybrid Powered

100ft outdoor or 200ft indoor range, 5 year battery life

SL-200TNRi Hybrid Powered

200ft outdoor or 400ft indoor range, 5 year battery life



AX-100TFRI

100ft outdoor or 200ft indoor range, 5 year battery life

AX-200TFRI

200ft outdoor or 400ft indoor range, 3 year battery life



SL-350QFRI

350ft outdoor or 700ft indoor range, 4 year battery life

ANTI-TAILGATING

ACCURANCE OV-102

SECURED ACCESS SYSTEM

Identify complex movements and
precisely count the number of
individuals entering a secure area,
preventing unauthorized access
through tailgating.

System Models:



OV-102S(E)

Accurance
anti-tailgating system
sensor unit

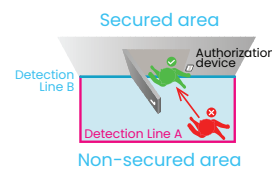


OV-102CB(E)

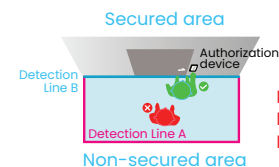
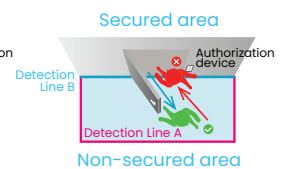
Accurance
anti-tailgating system
control box

- **Door cancel function:** Ignore door movement on installation side of detection unit
- **Workability:** Easily install on existing doors
- **Detection area adjustability:** Detection area can be adjusted after installation of product
- **Sensitivity adjustability:** Sensitivity can be adjusted after installation
- **Advanced Detection & Custom Security:** Identifies tailgating, cross-entry, and allows escorted access with adjustable security levels.
- **Easy Integration & Flexible Setup:** Works with access control systems and adapts to various door types and environments.

Tailgating Example



Cross Entry Example



Multiple
Detection
Example

ACTIVE INFRARED PHOTOELECTRIC DETECTORS & MOUNTING ENCLOSURES

	ENTRY	PROFESSIONAL	ADVANCED	WIRELESS-READY	MOUNTING ENCLOSURES
	Dual (AX) & Quad (SL) Single Frequency AIR PE beams for simple applications AX-70TN 70ft outdoor/140ft indoor AX-130TN 130ft outdoor/260ft indoor AX-200TN 200ft outdoor/400ft indoor SL-200QN 200ft outdoor/400ft indoor SL-350QN 350ft outdoor/700ft indoor SL-650QN 600ft outdoor/1300ft indoor	Quad Photoelectric detectors for perimeter & point-to-point protection SL-200QDM 200ft outdoor/400ft indoor SL-350QDM 350ft outdoor/700ft indoor SL-650QDM 650ft outdoor/1300ft indoor	Dual (AX) & Quad (SL) 4 Channel Frequency AIR PE beams for perimeter & point-to-point protection AX-100TF 100ft outdoor/200ft indoor AX-200TF 200ft outdoor/400ft indoor SL-200QDP 200ft outdoor/400ft indoor SL-350QDP 350ft outdoor/700ft indoor SL-650QDP 650ft outdoor/1300ft indoor	Battery Powered, wireless quad beam photoelectric detectors for perimeter & point-to-point protection SL-100TNR Hybrid Powered 100ft outdoor/200ft indoor SL-200TNR Hybrid Powered 200ft outdoor/400ft indoor. AX-100TFR 100ft outdoor/200ft indoor AX-200TFR 200ft outdoor/400ft indoor SL-350QFR 350ft outdoor/700ft indoor. - Lithium D cell batteries included - Battery life 3-5 years, model based - Works with most manufacturer transmitters	Customize Your Enclosures Create your own beam mounting enclosure from OPTEX. Start by picking your enclosure height, then choose mounting style, detector & accessories. When a site plan is provided, OPTEX will build & customize it to your specifications at no charge. We will even have it shipped directly to the job site for an easy & time saving installation. 6'6" Enclosures AX-TW200 Double sided free standing AX-TW200S Single sided free standing AX-TW200M Single sided wall mount 3'3" Enclosures AX-TW100 Double sided free standing AX-TW100S Single sided free standing AX-TW100M Single sided wall mount AX-TWAA Anti-climb top tamper for all AX-TW series enclosures AX-TWEB Mounting bracket for poured concrete pad. Free standing enclosures only AX-TWEB-A Mounting bracket for asphalt pad. Free standing enclosures only AX-TWH24V 12 or 24 VDC enclosure heater AX-TWT Enclosure thermostat AX-TWTH 12 or 24VDC heater & thermostat (kit) AX-TWLUXE Light extension head for AX-TW series enclosures AX-TWCAM CCTV extension head for AX-TX series enclosures

SPECIALIZED OUTDOOR PIR

For Event Driven CCTV Applications

CERTIFICATION REQUIRED *

REDWALL®

SYNTHESIZED INTELLIGENT PIR		RECOMMENDED ACCESSORIES
Rugged & durable long-range outdoor detector ideal for triggering remotely monitored, Event Driven CCTV systems SIP-3020, SIP-3020/5 100ft x 65ft with creep zone SIP-4010, SIP-4010/5 130ft x 33ft with creep zone SIP-404, SIP-404/5 130ft x 13ft with creep zone iSeries Battery-Powered Models Available	Rugged & durable long range or wide angle outdoor detectors ideal for PTZ control & triggering remotely monitored, Event Driven CCTV Systems. SIP-5030 165ft x 100ft Built-in creep zone detector with ind. output SIP-100 330ft x 10ft Built-in creep zone detector with ind. output	AWT-3 Audible walk-tester for proper installation of SIP products AVF-1 Area view finder for visualization of detection of SIP products SIP-MINIHOOD SIP-3020, 4010, 404 SIP-MIDIHOOD SIP-5030, SIP-100 Sun/snow shields SIP-HU Heating unit for low temperature conditions (-40°F)

ACCESS CONTROL

VEHICLE PRESENCE SENSOR	REQUEST TO EXIT	SPECIAL APPLICATION
Virtual Loop Sensing Technology Reliably detect the presence of a stationary or moving vehicle while also having the ability to ignore most human traffic OVS-02GT 26ft range Virtual Loop 2.0 Microwave & ultrasonic vehicle presence sensor OVS-01SG Solar Friendly 18ft range Virtual Loop Microwave vehicle presence sensor for solar gates OVS-01CC 26ft range Microwave vehicle presence sensor with car counting OVS-MPY 28in mini post for road mounting — yellow OVS-MPB 28in mini post for road mounting — black OVS-MPYcurb 21in mini post for curb mounting — yellow OVS-MPBcurb 21in mini post for curb mounting — black	Advanced Request to Exit & Presence Detectors OP-08CBL & OP-08CW Black/white request to exist Flexible outdoor rated Fail safe or fail secure selectable 10 individual detection zones Reaction2 Microwave request to exit/activation sensor OA-72C Architectural recess mount Presence detector/request to exit Presence timer can be adjusted Can mount up to 13ft high	Special Application Automatic Door Sensors OA-FLEXT Active Infrared Presence Sensor for Sliding/Swing Doors (Black) OS-12CT Auto Setup Safety Mini AIR Beam (Control Only) SH-7MC For the OS-12C: 1 Pair Sensor Heads & 23' Cable SH-10MC For the OS-12C: 1 Pair Sensor Heads & 33' Cable

REDFSCAN detectors generate REDWALL event codes for Video Management Software (VMS) integration, and output standard analog alarm contact outputs simultaneously.

Applications: Power plants, substations, border protection, correction facilities, data centers, distribution centers, schools, airports, ports, water treatment plants, warehouses, museums & art galleries, financial institutions

REDFSCAN PRO Series



Features

- Expanded detection coverage — RLS-50100V provides up to 530 ft vertical, 265 ft radius horizontal mount.
- Vertical and horizontal mounting
- Selectable installation method (wall, ceiling, pole mount)
- Rectangular detection area
- Embedded video camera for visualizing your detection area
- Event log function: Confirm events with event log & image
- 8 independent detection zones with customizable target size, sensitivity, and output
- Auto area adjustment
- Small animal tolerant
- Setting by Internet browser
- Environmental resistance function

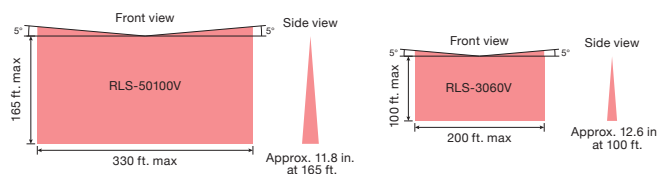


RLS-50100V

- 50 x 100 m (165 x 330 ft.), 190° detection area
- High detection resolution: 0.125°

RLS-3060V

- 30 x 60 m (100 x 200 ft.), 190° detection area



REDFSCAN mini-Pro Series



Features

- Vertical & horizontal detection modes
- 65 x 65 ft area with expandable 100ft, 95° detection coverage
- Precisely gauge object size, speed, & position within the detection zone
- Independent detection zones and settings
- Configure settings via web browser
- Dynamic Event Filtering
- 0.125° high speed angular resolution
- Unaffected by light or temperature changes

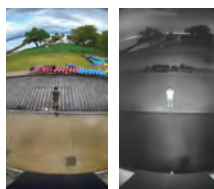


RLS-2020V

- With built-in FHD camera
- Camera view: H: 130° V: 65°
- Indoor/outdoor use

RLS-2020A

- Indoor/outdoor applications



REDFSCAN Mini Series



Features

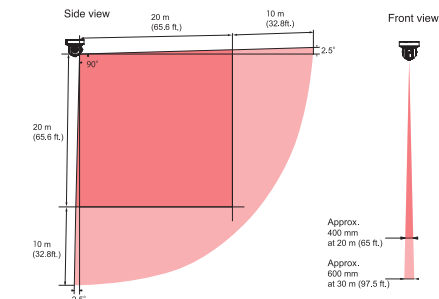
- Vertical & horizontal detection modes
- Multi-Angle Adjustment Shell Structure (M.A.S.S.)
- Unique detection algorithm
- Automatic area setting function
- Advanced area setting
- 4 adjustable detection areas on IP connection
- Total 3 outputs can be assigned for analog connection

RLS-2020S

- 97.5ft (30m) radius arc detection, 95° angle
- Indoor/outdoor use
- Indoor high resolution
- Indoor throw-in mode

RLS-2020i

- 65ft x 65ft, 95° detection area
- Indoor applications



REDFSCAN Lite

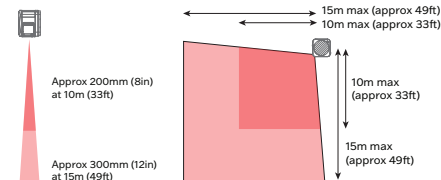


Features

- Vertical or horizontal mounting flexibility
- Auto area learning and correction at startup
- Real-time Dynamic History Analysis
- External LED indicators for alignment and detection
- PC-less setup via optional alignment tool
- Web interface for setup, tuning, and maintenance
- Selectable PoE or 12/24 VDC power input
- Simplified REDSCAN UI for intuitive configuration
- Anti-overspill zone correction near mesh/barriers
- Compact, unobtrusive design for indoor environments
- Adjustable detection area shape and size
- Pigtail I/O interface for streamlined wiring

RLS-1010L

- 10 m x 10 m (32 ft. x 32 ft.), 95° detection area
- Indoor applications



REDFSCAN Mount Light Series

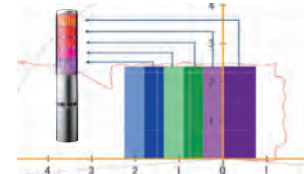
The world's first smart, programmable, multi-color PoE enabled LED signal tower



With five LED modules, the RLS Mount Light Series signal tower can vividly depict areas detected by the REDSCAN LiDAR detectors. Moreover, it can establish up to five distinct detection zones, offering clear visualization of intrusion areas.

- Visual Detection & Smart Customization:** Five LED modules display detected areas with 21 color and 11 alarm tone options, reducing the need for multiple signal towers.
- PoE & Versatile Programming:** Power and data over one cable, with Ethernet and USB setup options for local or network-wide configuration.
- Remote Mirroring:** Enables remote status updates for efficient monitoring and management.

- RLS-DMOUNTLIGHT:** Direct mount multi-color PoE LED signal tower
- RLS-DTMOUNTLIGHT:** Desktop mount multi-color PoE LED signal tower



* Please note that certification training is required to purchase the OPTEX REDSCAN and REDWALL Series.