

INDOOR PIR DETECTORS

800.966.7839 / www.optexamerica.com

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 Residential or Light Commercial  AP-20NB(C) 20ft Range Hardwired PIR Recessed wall/ceiling mount  AP-20NBR(C) 20ft Range Battery-operated PIR Recessed wall/ceiling mount  AP2-20N 20ft Range 8-12ft mounting height Wall/ceiling mount	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  SX-360Z 60ft x 360° 8-16ft mounting height Triple-element detection 5 year limited warranty FX Ceiling PIR  FX-360 25-40ft, 360° RFI immunity 20 V/m Patented multi-focus lens Selectable pulse count 2 or 4 Wireless options available	Heavy Duty PIR for Harsh Commercial Environments & Industrial Applications CX-702 Series  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  CX-702Ri  70 x 70, 150 x 8ft Wireless with transmitter & battery
	FLIPX SERIES: ADVANCED CURTAIN PIR	360° CEILING MOUNT HARSH ENVIRONMENT	360° CEILING MOUNT HARSH ENVIRONMENT	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  BXS-ST 80ft, 40ft per side Hardwired standard  BXS-AM 80ft, 40ft per side Hardwired with anti-masking  BXS-R 80ft, 40ft per side Wireless standard  BXS-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  VXS-AM 40ft, 90° range Hardwired PIR, anti-masking  VXS-RAM 40ft, 90° range Wireless PIR, anti-masking VXS-DAM 40ft, 90° range Hardwired dual tech, anti-masking VXS-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 Wireless 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	SPOT / CURTAIN PROTECTION	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



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



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



HX-40RAMi

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



AX-100TFRI

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

AX-200TFRI

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



BX-80NRi

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



BXS-RAMi

80ft total detection coverage, Quad PIR technology, 40ft detection range per side with anti-masking. Dual-sided independent or simultaneous monitoring



HX-80NRAMi

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



SL-100TNRi

100ft outdoor range, 5 year battery life

SL-200TNRi

200ft outdoor indoor range, 5 year battery life



QXI-RDTi

40ft by 120° detection range, high or low mount. With dual tech PIR & microwave technology and anti-masking



WXS-RAMi

8-40ft range, 180° panoramic coverage, high/low mount PIR with anti-masking. Dual-sided independent or simultaneous monitoring

WXS-RDAMi

8-40ft range, 180° panoramic coverage, high/low mount dual tech PIR & microwave with anti-masking. Dual-sided independent or simultaneous monitoring



SL-350QFRI

350ft outdoor range, 4 year battery life

VISUAL SECURITY SYSTEM

THE COMPREHENSIVE VISUAL ALARM MONITORING SOLUTION

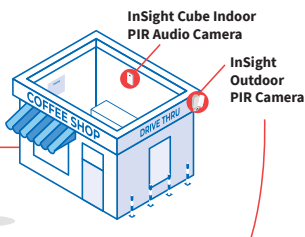
INTELLIGENT VISUAL MONITORING



Putting Eyes on Every Sensor — The Bridge Video Alarm Panel for Professionally Monitored Security Systems



What the end user sees
Only when/if criminal intent is detected



- Affordable, scalable, interior & exterior visual monitoring solution
- No central station hardware or setup fees, 5 second average delivery time to central station
- 30 minute install with CHeKT App, low cost of ownership
- Pre-alarm live view by zone
- ONVIF-S device compatible

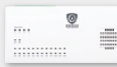


CHeKT Bridge



CKB-308

8 channel video alarm panel for transmission of video to central station



CKB-312V2

12 channel video alarm panel for transmission of video to central station

CKB-308CUBEKIT

The Bridge Complete Visual Alarm System Kit for indoor applications



Kit contains:
(1) CKB-308
(4) INS-CUBE

VISUAL VERIFICATION PIR CAMERA

Easy integration with the Bridge ONVIF Conformant



Intelligent VCA with reliable outdoor PIR



INS-QXI-ST

QXI-ST compatible
40' detection
120° wide angle



INS-HX-80N

HX-80N compatible
80'x6'7" detection
43' default range*



Built-in PIR based camera
2-way audio talk down feature



INS-CUBE

Visual security
indoor camera

*The default detection distance on the HX-80N PIR is set to 43' (13m). If the device is set to detect at the maximum range of 80', additional illumination will be needed to cover the entire detection distance.

CHeKT AI IP CAMERAS



Deep-learning AI empowers cameras to learn, identify objects, and pinpoint human/vehicle types.

Central station integration with AI video alarm signal transmission when using the CHeKT Bridge.



CKIPAI5MP-D-MR

5MP IR Dome AI IP Camera



CKIPAI5MP-CB-FR

5MP IR Compact Bullet AI IP Camera



CKIPAI5MP-B-MR

5MP IR Bullet AI IP Camera



CKIPAI5MP-T-MCA

5MP Flashlight Full Color Turret AI IP Camera



CKIPAI5MP-DL-TH-FR

Dual Thermal AI IP Camera



CKIPC4MPT-12vDI

4MP IP Turret Camera

IP SPEAKERS



Combine video & audio systems into a single proactive security solution
Weatherproof IP67 design



CKIPS30W

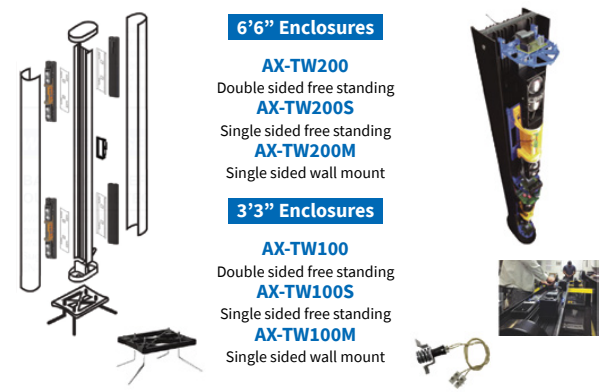
CHeKT 30 Watt IP Horn Outdoor Speaker



CKIPS15W

CHeKT 15 Watt IP Horn Outdoor Speaker

ACTIVE INFRARED PHOTOELECTRIC DETECTORS & MOUNTING ENCLOSURES

ENTRY		PROFESSIONAL		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		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.	
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		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	
ADVANCED		WIRELESS-READY		WIRELESS-READY	

PowerG SERIES Professional grade battery-powered, PowerG wireless detection solution by DSC

PowerG

BUILT-IN PowerG RADIO		Battery-powered PowerG Beams by DSC streamline installations in remote locations, ensuring easy deployment without power constraints.	
 Available Models: AX-200TFRPG 200ft photoelectric beam detector SL-350QFRPG 350ft photoelectric beam detector		- Reduced installation time with no wiring or trenching required. - Easily integrates with existing security systems, even in remote locations. - Utilizes DSC PowerG technology for long-range, secure wireless communication. - Boasts two-way communication covering up to 1.24 miles in line-of-sight scenarios. - Enhanced security with 128-bit AES encryption and extended battery life. - Suitable for commercial applications requiring secure connectivity between devices and control panels. 	

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		Advanced Request to Exit & Presence Detectors		Special Application Automatic Door Sensors	
 OVS-01GT 18ft range Microwave & ultrasonic vehicle presence sensor OVS-01CC 26ft range Microwave vehicle presence sensor with car counting OVS-02GT 26ft range Virtual Loop 2.0 Microwave & ultrasonic vehicle presence sensor 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		 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		 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	

REDSAN 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

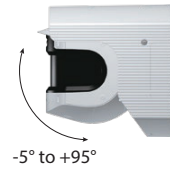
REDSAN PRO SERIES

Unique Features:

- Expanded detection coverage — RLS-50100V provides up to 530 ft vertical, 265 ft radius horizontal mount.
- Embedded video camera for visualizing your detection area.
- Built in analytics, including custom sensor settings per alarm zone & more.
- Event log function — Confirm events with event log & image.

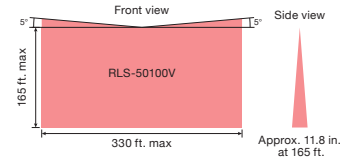


ONVIF®
ONVIF is a trademark of Onvif, Inc.



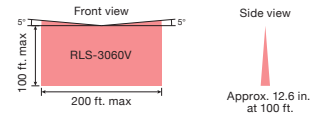
RLS-50100V

- 50 x 100 m (165 x 330 ft), 190° detection area
- High detection resolution: 0.125°
- Rectangular detection area
- Log function with camera
- Setting by Internet browser



RLS-3060V

- 30 x 60 m (100 x 200 ft), 190° detection area
- Rectangular detection area
- Log function with camera
- Setting by Internet browser



REDSAN mini-Pro SERIES

Features

- Vertical & horizontal detection modes
- 65 x 65ft area with expandable 100ft, 95° detection coverage
- Precisely gauge object size, speed, & position within 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

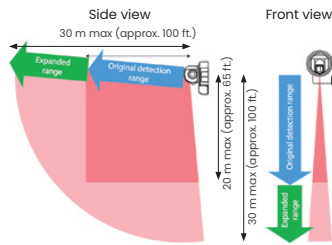
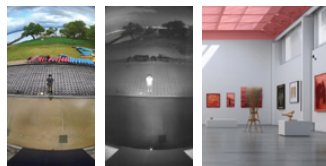


RLS-2020V

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

RLS-2020A

- Indoor/outdoor applications



REDSAN 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



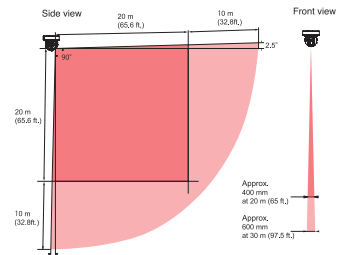
RLS-2020S

- 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



Rugged & durable long-range outdoor detector ideal for triggering remotely monitored, Event Driven CCTV systems

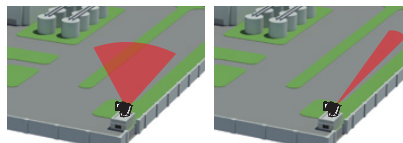


SIP-3020, SIP-3020/5 100ft x 65ft with creep zone
SIP-4010, SIP-4010/5 130ft x 33ft with creep zone
SIP-404, SIP-404/5 130ft x 13ft with creep zone

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)