

#### INDOOR PIR DETECTORS

#### 800.966.7839 / www.optexamerica.com

#### **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



COMMERCIAL

SERIES: RESIDENTIAL

FLIPX

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



ADVAN

SERIES:

FLIPX

PR

RTAIN

FLX-A-AM 50ft, 85° wide, 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** 



FN O O W

CEILING

360°

Hardwired PIR 8'2" - 14'9" mounting height Light control option AP-360BR(C) 20ft x 360°

AP-360B(C) 20ft x 360°

Battery-operated PIR 8'2" - 14'9" mounting height Battery saving timer

#### SX Ceiling PIR ®



ENVIRONMENT

HARSH

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



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 ®



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 wirelessready with dual lens



CX-702Ri Provered by Innovonics 70 x 70, 150 x 8ft Wireless with transmitter & battery

# **OUTDOOR PIR DETECTORS**







#### Flexible Performance & **Modern Design**

# **BX Shield Boundary Detector**

4 PIR technology, 2 on each side Independent detection settings per side



SHIELD SERIES

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



SERIES

ELD

**APPLICATION** 

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 (I)



PROTECTION

RTAIN

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SPOT

HX-40 40ft x 50ft Standard high mount HX-40AM 40ft x 50ft With anti-masking HX-40DAM 40ft x 50ft

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DUAL

SERIES

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** Ouick & 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 н 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



# 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



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



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



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

✓ InSight

InSight



**CHeKT Bridge** 

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INTELLIGENT VISUAL MONITORING

**CHEKT AI IP CAMERAS** 

#### **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

# **Professionally Monitored Security Systems**

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



#### CKB-308CUBEKIT

Putting Eyes on Every Sensor — The Bridge Video Alarm Panel for

The Bridge Complete Visual Alarm System Kit for indoor applications



#### Kit contains: (1) CKB-308

(4) INS-CUBE

# **OPTEX**

**INS-HX-80N** 

Intelligent VCA with reliable outdoor PIR



Easy integration with the Bridge

**ONVIF Conformant** 

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

**INS-QXI-ST** 

40' detection

120° wide angle

QXI-ST compatible

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



# **INS-CUBE**



\*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.



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.



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**VISUAL VERIFICATION PIR CAMERA** 

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



CKIPAi5MP-D-MR 5MP IR Dome Al IP Camera

CKIPAi5MP-T-MCA

Turret Al IP Camera

5MP Flashlight Full Color



CKIPAi5MP-CB-FR 5MP IR Compact Bullet Al IP Camera

CKIPAi5MP-DL-TH-FR

Dual Thermal AI IP Camera



CKIPAi5MP-B-MR 5MP IR Bullet AI IP Camera



CKIPC4MPT-12vDI 4MP IP Turret Camera

\*Please note: Camera series is only available to the North and South America market.

# **ACTIVE INFRARED PHOTOELECTRIC DETECTORS & MOUNTING ENCLOSURES**

CLOSURES

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MOUNTING

Dual(AX) & Quad(SL) Single Frequency AIR PE beams for simple applications



AX-70TN 70ft outdoor/140ft indoor **AX-130TN** (4) 130ft outdoor/260ft indoor **AX-200TN** (U) 200ft outdoor/400ft indoor **SL-200QN** (IL) 200ft outdoor/400ft indoor **SL-3500N** (H) 350ft outdoor/700ft indoor **SL-6500N** (4) 600ft outdoor/1300ft indoor

Dual(AX) & Quad(SL) 4 Channel Frequency AIR PE beams for perimeter & point-to-point protection



**AX-100TF** (II) 100ft outdoor/200ft indoor **AX-200TF** 

200ft outdoor/400ft indoor SL-200QDP (4) 200ft outdoor/400ft indoor

SL-350QDP (II) 350ft outdoor/700ft indoor SL-650QDP

650ft outdoor/1300ft indoor

**Quad Photoelectric detectors for PROFESSIONAL** perimeter & point-to-point protection



SL-200QDM 200ft outdoor/400ft indoor SL-350QDM 350ft outdoor/700ft indoor SL-650QDM 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.



**ESS-READY** 

WIREL

AX-100TFR 100ft outdoor/200ft indoor AX-200TFR

200ft outdoor/400ft indoor



SL-350OFR 350ft outdoor/700ft indoor.

- · Lithium D cell batteries included · Battery life 3-5 years, model
- 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

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



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-3500FRPG 350ft photoelectric

- · 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**

#### 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-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



**OVS-MPY** 28in mini post for road mouning - 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



EXIT

2

REOUEST

**OP-08CBL & OP-08CW** Black/white request to exist

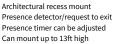
Flexible outdoor rated Fail safe or fail secure selectable 10 individual detection zones



#### Reaction2

Microwave request to exit/activation sensor

# **OA-72C**



#### **Special Application Automatic Door Sensors**



**OA-FLEXT** Active Infrared Presence Sensor for Sliding/Swing Doors (Black)



**SPECIAL APPLICATION** 

OS-12CT

Auto Setup Safety Mini AIR Beam (Control Only)



For the OS-12C: 1 Pair Sensor Heads & 23' Cable



SH-10MC

For the OS-12C: 1 Pair Sensor Heads & 33' Cable



# **REDSCAN®**





REDSCAN 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

#### **REDSCAN PRO SERIES**



#### **Unique Features:**

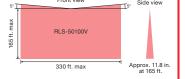
- Expanded detection coverage RLS-50100V provides up to 530 ft vertical, 265 ft radius horizontal mount.
- Embedded video camera for visualizing your detection area.
- · Built in analytics, including custom sensor settings per alarm zone & more.
- Event log function Confirm events with event log & image.



Assistance camera (2 MP, Panoramic View

# 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





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FOR HIGH SECURITY APPLICAIONS

SPECIALIZED DETECTORS





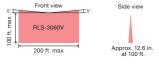


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**RLS-3060V** 

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



**REDSCAN mini-Pro SERIES** 



#### **Features**

**RLS-2020A** 

- · 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

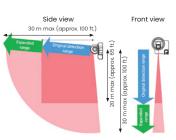
#### **RLS-2020V**

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









#### **REDSCAN 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

- 97.5ft (30m) radius arc detection, 95° angle
- Indoor/outdoor use

#### **RLS-2020i** 65ft x 65ft, 95°

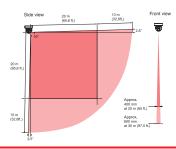
- detection area Indoor applications
- · Indoor high resolution





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RECOMMENDED ACCESSORI



# **REDWALL®**

#### SPECIALIZED OUTDOOR PIR DETECTORS FOR EVENT DRIVEN CCTV APPLICATIONS

# 밀 SYNTHESIZED INTELLIGENT



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





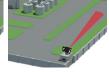


SIP-404, SIP-404/5 130ft x 13ft with creep zone iSeries Battery-Powered Models Available



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



SIP-MINIHOOD SIP-3020, 4010, 404 SIP-MIDIHOOD SIP-5030, SIP-100 Sun/snow shields



Area view finder for visualization of detection of SIP products



SIP-HU

Heating unit for low temperature conditions (-40°F)





