

# Flexible outdoor wireless detection systems

**With our low-current battery-operated sensors**



# Home/Light commercial

**Fence/Wall/Window protection sensor**  
BX Shield (BXS)      BX-80R series

**Balcony/Window protection sensor**  
FTN-R series

**Perimeter protection sensor**  
AX-100/200TFR      SL-100/200TNR

**Approach intrusion sensor**  
VX Shield (VXS)      VXI series

# Commercial/Industrial

**Wide area protection sensor at high mount**  
HX-40RAM

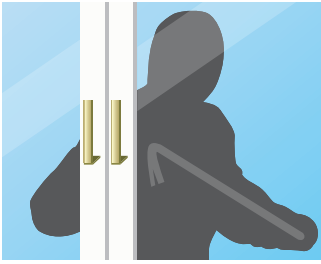
**Intruder/ Light activation sensor**  
SIP WF series

**Perimeter protection sensor**  
SL-350QFR/QNR

**Fence/Wall/Window protection sensor at high mount**  
HX-80RAM

## Solutions

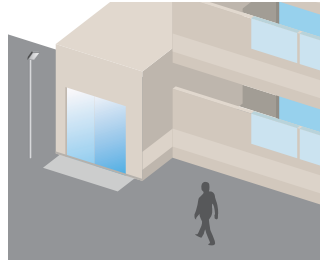
### Intruder alarm



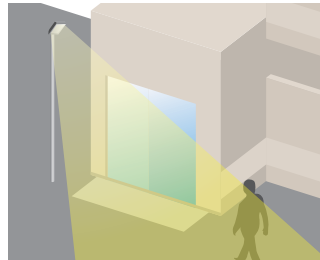
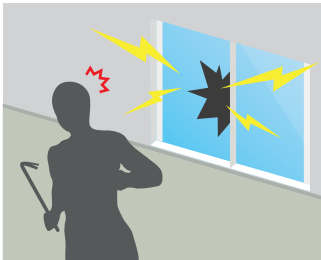
### Visitor alert



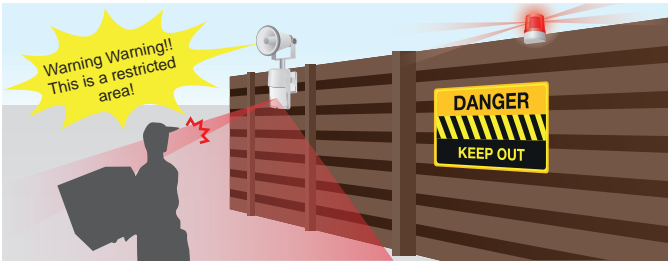
### Lighting trigger



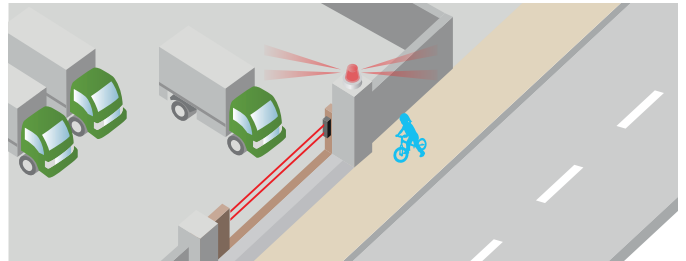
### Temporary and remote CCTV security



### Safety alert

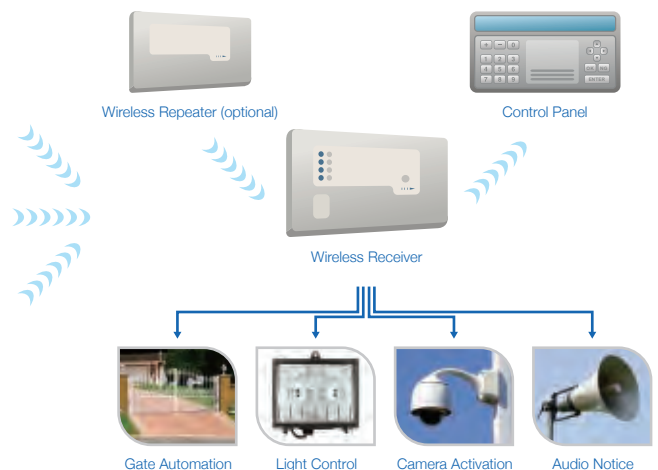


### Warning alert



## Wireless-ready

To transmit the alarm signal from the sensors to the Control Panel, DVR or any other device, a wireless transmitter and a receiver are required.



## How to install

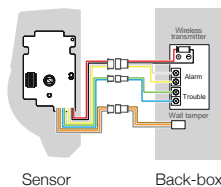
### Step 1

Choose a suitable sensor depending on the application



### Step 2

Insert the wireless transmitter compatible with your alarm panel in the OPTEX sensor's back-box and connect them



### Step 3

Enroll the wireless transmitter on to the control panel. The system is setup and ready for use



# OPTEX battery-operated sensors



## SL-350QFR/350QNR

### Battery-operated active infrared beams

SL-350QNR: Standard model  
SL-350QFR: Selectable 4 channel beam frequencies model

#### Features

- Long distance 100m
- Long battery life approx. 3 years with LSH20 lithium batteries
- Sniper viewfinder with 2X magnification
- IP65 water proof structure



## SL-100TNR/SL-200TNR

### Battery-operated active infrared beams

SL-100TNR/SL-100TNR-CH: detection range 30m  
SL-200TNR/SL-200TNR-CH: detection range 60m

#### Features

- Wireless and optional hybrid active infrared beams
- Long battery life approx. 3 years with LSH20 lithium batteries/ 5 years with SB-D02HP VIZTRO batteries
- Option to use CR123A batteries (SL-100/200TNR-CH)
- Easy battery replacement
- Sniper viewfinder with 2X magnification
- Non-stackable model



## AX-100TFR/200TFR

### Battery-operated active infrared beams

AX-100TFR: detection range 30m  
AX-200TFR: detection range 60m

#### Features

- AX-100TFR: approx. 3 years with LSH20 lithium batteries
- AX-200TFR: approx. 3 years with LSH20 lithium batteries
- Selectable 4 channel beam frequencies model



## SIP-WF series

### Battery operated outdoor PIR detector

SIP-3020WF: 30m x 20m wide range model  
SIP-4010WF: 40m x 10m long range model  
SIP-404WF: 40m x 4m long and narrow range model

#### Features

- Mounting height up to 4m
- Designed to work with CCTV systems and trigger an event/alarm
- High catchment rate with minimum false alarms
- Vandal proof



## HX-40RAM/HX-80NRAM

### Battery operated high mount outdoor PIR detector

HX-40RAM: detection range up to 12m x 16m  
HX-80NRAM: detection range up to 24m x 2m

#### Features

- Mounting height 2.5 to 3.0m
- Long battery life
- Active IR digital anti-masking
- Battery box for different battery types
- Digital analysis to discriminate environmental and animal nuisance tolerance (Super Multidimensional Analysis - SMDA)



## VX Shield (VXS)/VXI series

### Battery operated outdoor detector

VXS-R/VXI-R: Standard battery model  
VXS-RAM/VXI-RAM: Battery operated model with active IR digital anti-masking  
VXS-RDAM/VXI-RDAM: Battery operated PIRs/Microwave combination model with active IR digital anti-masking

#### Features

- Provides 12m by 90° detection coverage
- Versatilely designed with users in mind (VX Shield)
- Optional colour variation (VX Shield)
- Digital analysis to discriminate environmental and animal nuisance tolerance (Super Multidimensional Analysis - SMDA)
- Flexible detection patterns
- Easy Installation incl. automatic walk test mode (VX Shield)



## BX Shield (BXS)/BX-80R series

### Battery operated outdoor PIR detector For building perimeter

BXS-R/BX-80R: Standard battery model  
BXS-RAM: Battery model with active IR digital anti-masking

#### Features

- Double conductive shielding
- Versatilely designed with users in mind (BX Shield)
- Optional colour variation (BX Shield)
- IR Digital anti-Masking Function (BX Shield)
- Easily add on to any wireless system
- Low current
- Compatible with different wireless transmitters
- Digital analysis to discriminate environmental and animal nuisance tolerance (Super Multidimensional Analysis - SMDA)



## FTN-R series

### Battery operated compact outdoor PIR detector

FTN-R-PT: Battery operated model  
FTN-RAM-PT: Battery operated model with active IR digital anti-masking

#### Features

- Adjustable detection range 2 and 5m
- Short range curtain detection
- Long battery life
- Built in bracket (190°)
- Animal tolerant and digital analysis
- Digital analysis to discriminate environmental and animal nuisance tolerance (Super Multidimensional Analysis - SMDA)



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