

*LEVEL SURVEILLANCE* greatly strengthens  
and improves crime prevention

Optex has developed a system of enhanced outdoor detection providing maximum security against unauthorized entry to a building and its perimeter.

This system creates a defense line incorporating three warning levels, "PERIMETER PROTECTION", "MIDDLE AREA PROTECTION", and "BOUNDARY PROTECTION" which targeting the outside of the building

# OPTEX PRODUCT DIGEST

# Peace of Mind Through Product Excellence

## A ZONE PERIMETER PROTECTION

"First Line of Defense" protects the extreme perimeter of a property.



### AX-100TFR/200TFR



#### BATTERY OPERATED PHOTOELECTRIC DETECTOR

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

#### [ FEATURES ]

- Long battery life AX-100TFR: approx. 5 years  
AX-200TFR: approx. 3 years(transmitter)  
approx. 5 years(receiver)
- Easy battery replacement
- Triple tamper functions



NEW

### SL-350QFR/350QNR



#### BATTERY OPERATED PHOTOELECTRIC DETECTOR

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

#### [ FEATURES ]

- Long distance 100m/350ft
- Long battery life approx. 4 to 8 years (transmitter)  
approx. 5 to 10 years (receiver)
- Sniper viewfinder with 2X magnification
- IP65 water proof structure



### AX-70TN/130TN/200TN/100TF/200TF

#### SHORT RANGE PHOTOELECTRIC DETECTOR

AX-70TN : detection range 20m  
AX-130TN: detection range 40m  
AX-200TN: detection range 60m  
AX-100TF: detection range 30m  
AX-200TF: detection range 60m

#### [ FEATURES ]

- IP65 water proof structure
- Lightning and surge protection up to 14kV
- 99% beam blocking stability
- AX-100TF/200TF: Selectable 4 channel beam frequencies



NEW

### SL-200QN/350QN/650QN

#### MIDDLE & LONG RANGE PHOTOELECTRIC DETECTOR

SL-200QN: detection range 60m  
SL-350QN: detection range 100m  
SL-650QN: detection range 200m

#### [ FEATURES ]

- Slim body and light weight
- IP65 water proof structure
- Sniper viewfinder with 2X magnification
- Wide beam & united appearance



Coming soon

### SL-200QDP/350QDP/650QDP SL-200QDM/350QDM/650QDM

#### PHOTOELECTRIC DETECTOR

SL-200QDP/200QDM: detection range 60m  
SL-350QDP/350QDM: detection range 100m  
SL-650QDP/650QDM: detection range 200m

#### [ FEATURES ]

- Quad high power beams - IP65 water proof structure
- Double modulated beams - Sniper viewfinder with 2X magnification

(SL-QDM only)

- A.T.P.C. to optimize the beam power
- I.A.S.C. to communicate the transmitter and receiver

## B ZONE MIDDLE AREA PROTECTION

"Second Line of Defense" protects the middle area between perimeter and boundary of the building.



NEW

### VXI-ST/AM

#### MULTI DIMENSIONAL OUTDOOR DETECTOR

VXI-ST : Flexible wide detection standard model  
VXI-AM : Active IR digital anti-masking model

#### [ FEATURES ]

- SMDA logic for advanced temperature compensation
- Easy masking for over spill prevention
- Double Conductive Shielding against bright light



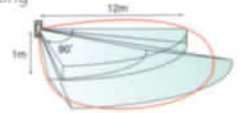
NEW

### VXI-DAM

#### PIR/MICROWAVE COMBINATION OUTDOOR DETECTOR

#### [ FEATURES ]

- Features of VXI-ST
- Tough MOD Dual Technology
- Active IR digital anti-masking



NEW

### VXI-R/RAM

#### BATTERY OPERATED MULTI DIMENSIONAL OUTDOOR DETECTOR

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

#### [ FEATURES ]

- SMDA logic for advanced temperature compensation
- Easy masking for over spill prevention
- Double Conductive Shielding against bright light



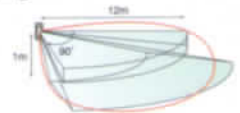
NEW

### VXI-RDAM

#### BATTERY OPERATED PIR/MICROWAVE COMBINATION OUTDOOR DETECTOR

#### [ FEATURES ]

- Features of VXI-R
- Tough MOD Dual Technology
- Active IR digital anti-masking



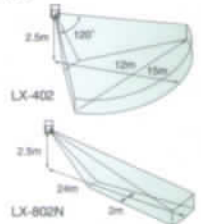
### LX-402/LX-802N

#### WEATHERIZED OUTDOOR DETECTOR

LX-402: Wide detection range model 12 x 15m 120°  
LX-802N: Long detection range model 24 x 2m

#### [ FEATURES ]

- Double conductive shielding
- Selectable detection patterns (pet alley or multi-level)
- Area-masking strips (LX-402 only)
- Sensitivity selection switch (high, mid and low)
- Day and night mode





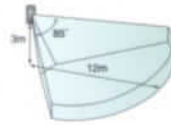
## HX-40/40AM

### HIGH MOUNT OUTDOOR DETECTOR

HX-40 – 2PIRs standard model  
HX-40AM – Active IR digital anti-masking model

#### [ FEATURES ]

- Mounting height 2.5-3m
- Ideal detection area setting
- Intelligent AND logic with unique pyro-element



## HX-40RAM



### BATTERY OPERATED HIGH MOUNT OUTDOOR DETECTOR

#### [ FEATURES ]

- Long battery life
- Active IR digital anti-masking
- Form C alarm output and tamper output
- Compatible with numerous wireless transmitters

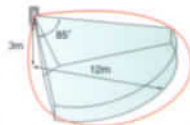


## HX-40DAM

### PIR/MICROWAVE COMBINATION HIGH MOUNT OUTDOOR DETECTOR

#### [ FEATURES ]

- Microwave Intelligent Quantification logic
- Microwave range selector
- Active IR digital anti-masking
- Form C alarm output and tamper output



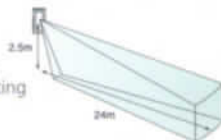
## HX-80N/80NAM

### 24M LONG AND NARROW RANGE HIGH MOUNT OUTDOOR DETECTOR

HX-80N – 2PIRs standard model  
HX-80NAM – Active IR digital anti-masking model

#### [ FEATURES ]

- Mounting height 2.5-3m
- Intelligent AND logic with unique pyro-element
- Flexible detection area setting



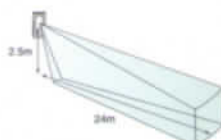
## HX-80NAM



### BATTERY OPERATED 24M LONG AND NARROW RANGE HIGH MOUNT OUTDOOR DETECTOR

#### [ FEATURES ]

- Active IR digital anti-masking
- Battery box for numerous battery types



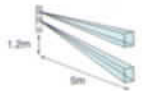
## FTN-ST/FTN-AM

### COMPACT OUTDOOR DETECTOR

FTN-ST – 2PIRs standard model  
FTN-AM – Active IR digital anti-masking model

#### [ FEATURES ]

- Intelligent AND detection logic
- Built in bracket (190° horizontal)
- 5m/2m switchable lens
- SMDA Logic



## FTN-R/FTN-RAM



### BATTERY OPERATED COMPACT OUTDOOR DETECTOR

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

#### [ FEATURES ]

- Long battery life
- Easy connection
- Multi fixing separate box for wireless transmitter



## B ZONE BOUNDARY PROTECTION

"Third Line of Defense" protects the immediate perimeter of the building.

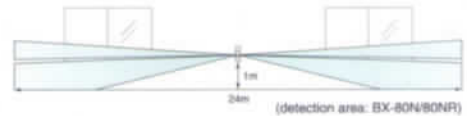


## BX-80N

### OUTDOOR DETECTOR FOR BUILDING PERIMETER

#### [ FEATURES ]

- Multiple detection pattern technology
- Limited detection range function
- Patented double conductive shielding
- Audible alarm function
- Advanced temperature compensation



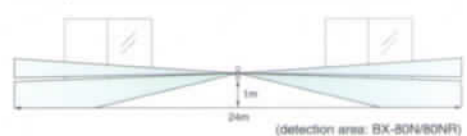
## BX-80NR



### BATTERY OPERATED OUTDOOR DETECTOR FOR BUILDING PERIMETER

#### [ FEATURES ]

- Easily adding on to any wireless system
- Low current
- Compatible with numerous wireless transmitter



## BX-100PLUS

### PHOTOELECTRIC DETECTOR FOR BUILDING PERIMETER

Detection range: 30m

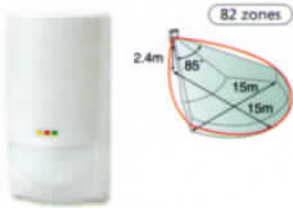
#### [ FEATURES ]

- Dual IR pulsed beam system
- Internal sounder
- N.O. and N.C. relay output
- Attractive and slender design
- Easy alignment with visual and audible indicator



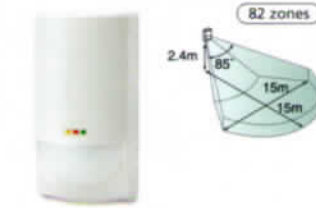
## C ZONE INDOOR PROTECTION

### FOR INDUSTRIAL & COMMERCIAL FACILITIES USE



**OML-DAM** (50ft/15m)

GRADE 3 EN50131-2-4  
PIR & MICROWAVE (10GHz)  
COMBINATION DETECTOR WITH ANTI-MASKING



**OML-AM** (50ft/15m)

GRADE 3 EN50131-2-2  
PIR DETECTOR WITH ANTI-MASKING



**OML-DT** (50ft/15m)

GRADE 2 EN50131-2-4  
PIR & MICROWAVE (10GHz)  
COMBINATION DETECTOR



**OML-ST** (50ft/15m)

GRADE 2 EN50131-2-2  
PIR DETECTOR

### FOR COMMERCIAL SITES USE



**CDX-DAM** (50ft/15m)

GRADE 3 EN50131-2-4  
PIR & MICROWAVE (10GHz)  
COMBINATION DETECTOR WITH ANTI-MASKING



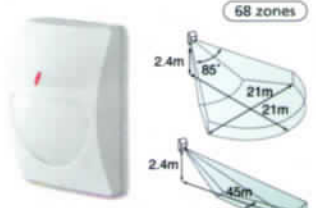
**CDX-AM** (50ft/15m)

GRADE 3 EN50131-2-2  
PIR DETECTOR WITH ANTI-MASKING  
(WIDE RANGE)



**CDX-NAM** (80ft/24m)

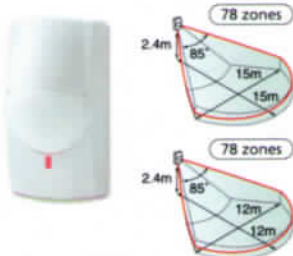
GRADE 3 EN50131-2-2  
PIR DETECTOR WITH ANTI-MASKING  
(NARROW RANGE)



**CX-702** (21m/45m)

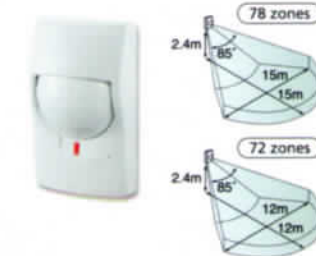
LONG RANGE PIR DETECTOR WITH  
SELECTABLE DETECTION PATTERN

### FOR SMALL & MEDIUM SIZED COMMERCIAL SITES



**MX-50QZ** (15m)  
**MX-40QZ** (12m)

PIR & MICROWAVE (2.4GHz)  
COMBINATION DETECTOR



**FX-50QZ/50SQ** (15m)  
**FX-40/40D** (12m)

PIR DETECTOR

### FOR RESIDENTIAL SITES



**RXC-DT** (40ft/12m)

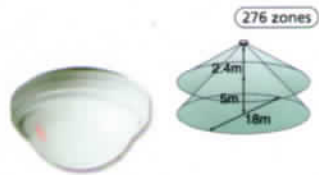
GRADE 2 EN50131-2-4  
PIR & MICROWAVE (10GHz)  
COMBINATION DETECTOR



**RXC-ST** (40ft/12m)

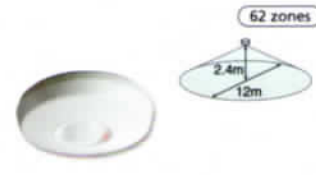
GRADE 2 EN50131-2-2  
PIR DETECTOR

### CEILING MOUNT MODEL



**SX-360** (Up to 5.0m height)

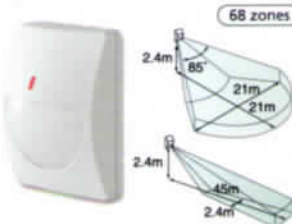
360 DEG. CEILING MOUNT PIR DETECTOR



**FX-360** (Up to 2.4m height)

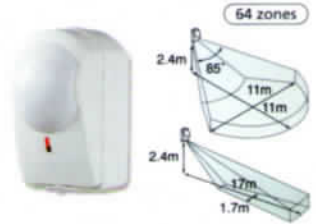
GRADE 2 EN50131-2-2  
360 DEG. CEILING MOUNT PIR DETECTOR

### BATTERY OPERATED MODEL



**CX-702RS** (21m/45m)

PIR DETECTOR WITH THE DUAL PURPOSE LENS



**EX-35R** (11m/17m)

PIR DETECTOR WITH THE DUAL PURPOSE LENS

Specifications and design are subject to change without prior notice.



#### OPTEX CO., LTD. (JAPAN)

5-8-12 Ogoto Otsu Shiga 520-0101 JAPAN  
TEL: +81-77-579-8670  
URL: <http://www.optex.co.jp/e/>

#### OPTEX INCORPORATED (USA)

TEL: +1-909-993-5770  
Tech: (800) 966-7839  
URL: <http://www.optexamerica.com/>

#### OPTEX DO BRASIL LTDA.

TEL: +55-11-2225-0934  
URL: <http://www.optexdobrasil.com.br/>

#### OPTEX (EUROPE) LTD. (UK)

TEL: +44-1628-631000  
URL: <http://www.optex-europe.com/>

#### OPTEX SECURITY SAS (FRANCE)

TEL: +33-437-55-50-50  
URL: <http://www.optex-security.com/>

#### OPTEX SECURITY Sp.z o.o. (POLAND)

TEL: +48-22-598-06-55  
URL: <http://www.optex.com.pl/>

#### OPTEX PINNACLE INDIA PRIVATE LIMITED

TEL: +91-124-4035704  
URL: <http://www.optex.net/in/>

#### OPTEX KOREA CO., LTD. (KOREA)

TEL: +82-2-719-5971  
URL: <http://www.optexkorea.com/>

#### OPTEX (DONGGUAN) CO., LTD. SHANGHAI OFFICE (CHINA)

TEL: +86-21-34600673  
URL: <http://www.optexchina.com/>