

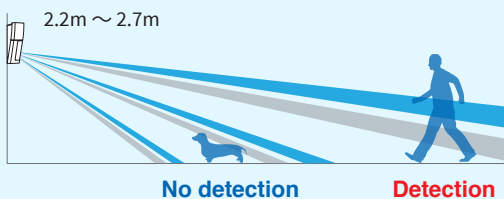
Wide Angle Outdoor Detector

# QX Infinity Series

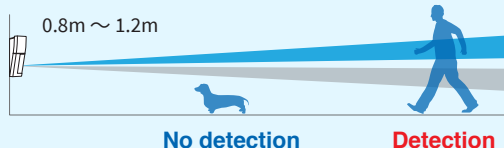
120° wide, 40ft detection area  
Sleek and compact design with Quad Element  
High & low mounting options available



## Multi Level Pattern



## Pet Alley Pattern

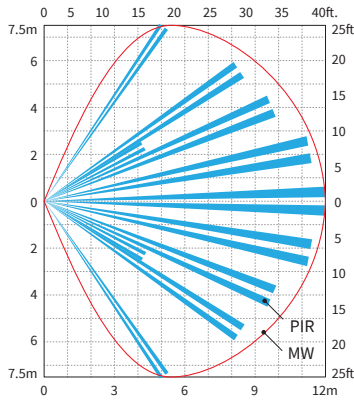


OPTEx, the global leader in outdoor detection innovation, is pleased to announce the QX Infinity Series (QXI), a family of high or low mount outdoor PIR and dual-technology sensors that provide a 120° wide and 40ft detection area.

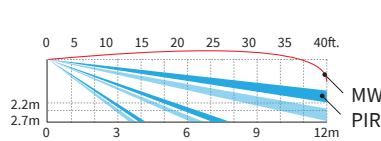
The QXI Series features our new Quad-Element technology, which provides highly reliable detection performance within a compact and sleek design, fit for any residential or commercial applications. The QXI Series also features OPTEx's sensing analytics, called the Super Multi-Dimensional Analysis (SMDA), to reduce any noise created by the environment.

# Features

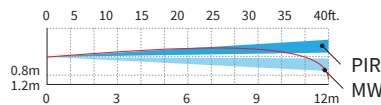
Top View



Side View (Multi Level)




Side View (Pet Alley)



- 40ft detection area, 120° wide angle
- High (6'7") or low mount (2'7" - 4') options available
- Sleek and compact, with Quad Element
- Anti-blocking features (QXI-DT) with microwave technology
- Multi Level Pattern creates intelligent high mount detection area
- Pet Alley Pattern available for low mount options to reduce false alarms caused by pets

# Components

|                 |   |
|-----------------|---|
| <b>QXI-ST</b>   | 40ft 120° Standard hardwired PIR model  |
| <b>QXI-DT</b>   | 40ft 120° Hardwired PIR & microwave dual-tech model with anti-masking   |
| <b>QXI-R</b>    | 40ft 120° Battery-powered standard PIR model  |
| <b>QXI-RDT</b>  | 40ft 120° Battery-powered PIR & microwave dual-tech model   |
| <b>QXI-RDTi</b> | 40ft 120° Battery-powered PIR & microwave dual-tech model  |

**Optional Accessories:**

(Call for price & availability)

CA-2C(W)  
BRACKET FOR CEILING MOUNTING

CA-1W(W)  
BRACKET FOR WALL MOUNTING

# Specifications

| Model                  | QXI-ST  | QXI-DT   | Model                        | QXI-R   | QXI-RDT                                |
|------------------------|---|--|------------------------------|---|--|
| Detection method       | Passive infrared  | Passive infrared & Microwave                                     | Detection method             | Passive infrared  | Passive infrared & Microwave           |
| PIR coverage           | 12.0 m (40') 120°wide   |  | PIR coverage                 | 12.0 m (40') 120°wide   |  |
| PIR zones              | Multi level: 40 zones Pet alley: 18 zones   |  | PIR zones                    | Multi level: 40 zones Pet alley: 18 zones   |  |
| Detectable speed       | 0.3 to 2.0 m/s (1' to 6'7"/s)   |  | Detectable speed             | 0.3 to 2.0 m/s (1' to 6'7"/s)   |  |
| Sensitivity            | 2.0°C (3.6°F) at 0.6 m/s  |  | Sensitivity                  | 2.0°C (3.6°F) at 0.6 m/s  |  |
| Pet alley              | Remove lower area detection to avoid small animals.                                       |  | Pet alley                    | Remove lower area detection to avoid small animals.   |  |
| Power input            | 9.5 to 16 V DC  |  | Power source                 | CR123A (3 V DC) *Not included.  |  |
| Current draw           | 20 mA max. at 12 V DC   | 30 mA max. at 12 V DC  | Current draw                 | 9 µA stand-by<br>11 mA max. at 3 V DC   | 16 µA stand-by<br>11 mA max. at 3 V DC |
| Alarm period           | 2.0 ± 0.5s  |  | Alarm period                 | 2.0 ± 0.5s  |  |
| Warm-up period         | Approx. 60 s (LED blinks)   |  | Warm-up period               | Approx. 60 s (LED blinks)   |  |
| Alarm output           | N.C./N.O. switchable, 28 V DC 0.1 A max.  |  | Alarm output                 | N.C./N.O. switchable solidstate switch, 3 V DC 0.01 A max.  |  |
| Trouble output         | —   | N.C. 28 V DC 0.1 A max.  | Trouble output (with tamper) | N.C./N.O. switchable solidstate switch, 3 V DC 0.01 A max.  |  |
| Tamper output          | N.C. 28 V DC 0.1 A max.<br>Open when the cover is opened                                  |  | LED indicator                | [1]Warm-up [2]Alarm [3]Walk test end  |  |
| LED indicator          | [1]Warm-up [2]Alarm<br>[3]Walk test end   | [1]Warm-up [2]Alarm<br>[3]Walk test end<br>[4]Blocking detection | Operation temperature        | -40°C to +60°C (-40°F to +140°F)    -40°C to +45°C (-40°F to +113°F)  |  |
| Operation temperature  | -40°C to +60°C (-40°F to +140°F)  |  | Environment humidity         | 95% max.  |  |
| Environment humidity   | 95% max.  |  | Internation protection       | IP 54   |  |
| Internation protection | IP 54   |  | Mounting                     | Wall (Outdoor, Indoor)  |  |
| Mounting               | Wall (Outdoor, Indoor)  |  | Mounting height              | Multi level: 2.2 to 2.7 m (7'3" to 8'11")<br>Pet alley: 0.8 to 1.2 m (2'7" to 4')   |  |
| Mounting height        | Multi level: 2.2 to 2.7 m (7'3" to 8'11")<br>Pet alley: 0.8 to 1.2 m (2'7" to 4')         |  | Weight                       | 215 g (7.58 oz)   | 230 g (8.11 oz)                        |
| Weight                 | 180 g (6.35 oz)   | 195 g (6.88 oz)  | Accessories                  | [1]Dummy battery and connector for ALARM<br>[2]Connector for TROUBLE<br>[3]Mounting screw (4 x 12 mm) x 3<br>[4]Lock screw (3 x 12 mm) x 1 [5]Area masking strips |  |
| Accessories            | [1]Mounting screw (4 x 12 mm) x 2 [2]Lock screw (3 x 12 mm) x 1<br>[3]Area masking strips |  |                              |   |  |

Specifications and designs are subject to change without prior notice.

For additional information regarding products or applications, please contact your regional OPTEX representative or our Inside Sales Department at **(800) 966-7839 EXT 155**. To see all products and solutions that OPTEX has to offer, visit [www.optexamerica.com](http://www.optexamerica.com)