The QX Infinity (QXI) series is a range of outdoor PIRs and dual-technology sensors providing 120° wide and 12m (40ft) detection area. Sleek and compact, the QXI sensors are small and well suited to any residential or commercial building as they provide reliable, animal tolerant intrusion and motion detection.

**Reliable outdoor detection sensor**

**Super Multidimensional Analysis (SMDA) logic**

All QXI models are equipped with a digitally enhanced signal recognition logic called SMDA. It analyses the detection pattern and changes to the environment such as the weather and vegetation sway to filter out noise and the cause of nuisance alarms.

**QUAD Technology combined with AND logic**

The QXI features two layers of detections (QUAD pyro elements) and operates with AND logic. In high mount applications, this provides a good tolerance to small animals, contributing to reliable outdoor detection.

**Double conductive shielding**

Another key feature of the QXI series is the Double Conductive Shielding which filters out visible light and RFI disturbance.

**WIDE ANGLE OUTDOOR DETECTOR**

**QX Infinity series**

**WIRED MODELS**

QXI-ST: 12m (40ft), 120 degrees
QXI-DT*: as QXI-ST with anti-blocking and dual-technology

**BATTERY-OPERATED MODELS**

QXI-R: 12m (40ft), 120 degrees
QXI-RDT: as QXI-R with dual technology

*MW frequencies [10.525 GHz (X5), 10.587 GHz (X8), 9.425 GHz (X9)]

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**Dual-technology models**

For more challenging environments, the QXI-DT (wired model) and the QXI-RDT (wireless model), combine PIR and Microwave technologies to confirm the alarm. They feature the OPTEX Tough microwave module, specifically developed to prevent corrosion from condensation and humidity.

**Anti-Blocking**

The QXI-DT model offers an anti-blocking function in high mount utilising the microwave module to detect attempts to mask the sensor.

**Selectable mounting height and detection pattern**

When mounted between 2.2 and 2.7m the sensor creates a multi-level volumetric detection pattern, allowing it to ignore small animals. In environments with larger animals, the sensor can be mounted between 0.8 and 1.2m height, to provide a pet alley.
Specifications

Easy installation and maintenance

The screwless design makes the opening and closing of the front cover very easy with a flat head screwdriver.

The battery-operated models (QXI-RT and RDT) feature easy access to the CR123 battery located at the front of the sensor which makes changing the battery easier.

Options

- Bracket for Ceiling Mount CA-2C(W)
- Bracket for Wall Mount CA-1W(W)

Additional Features

- UV-resistant ASA body
- Shared battery usage (QXI-R/QXI-RDT)

(A wireless transmitter using CR123 battery can be powered by the sensor)