

# Wide Angle Outdoor Detector

OPT-QXI-ST

For Residential & Commercial Applications



## Features

- Sleek & compact design
- Selectable mounting height & detection pattern
- Double conductive shielding
- Quad pyro elements & operates with AND logic
- Automatic walk test mode
- Outdoor ready IP54

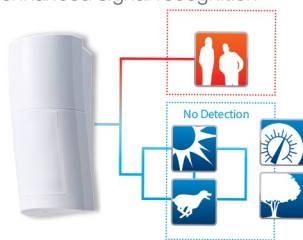


Detection method	Passive infrared
PIR Coverage	12.0 m (40') 120° wide
PIR Zones	Multi level : 40 zones / Pet alley : 18 zones
Detectable Speed	0.3 to 2.0 m/s (1' to 6'7"/s)
Sensitivity	2.0° ( 3.6°F) at 0.6 m/s
Pet Alley	Remove lower area detection to avoid small animals
Power Input	9.5 to 16 VDC
Current Draw	20 mA max. at 12 VDC
Alarm Period	2.0 ± 0.5 sec. (delay timer)
Warm up Period	Approx. 60 sec. (LED blinks)
Alarm Output	N.C/N.O. switchable, 28 VDC 0.1 A max.
Tamper Output	N.C. 28 VDC 0.1 A max. Open when the cover is opened
Operating Temperature	-40° to +60° (-40°F to +140°F)
Environmental Humidity	95% max.
IP Rating	IP54
Mounting	Wall, Ceiling (Outdoor, Indoor)
Mounting Height	Multi level:2.2 to 2.7 m (7' 3" to 8'11") Pet alley:0.8 to 1.2 m (2' 7" to 4' )
Weight	180 g
Dimensions	W78mm x D59mm x H144.5mm

**Reliable outdoor detection sensor**

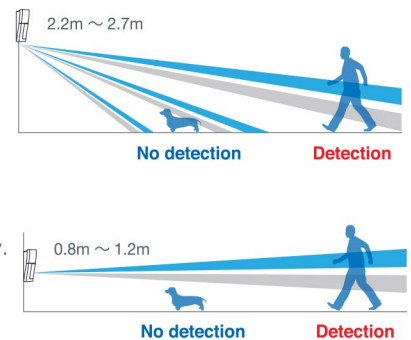
**Super Multidimensional Analysis (SMDA) logic**

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.



**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.

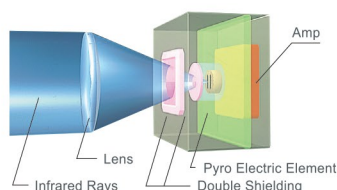


**QUAD Technology combined with AND logic**

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.

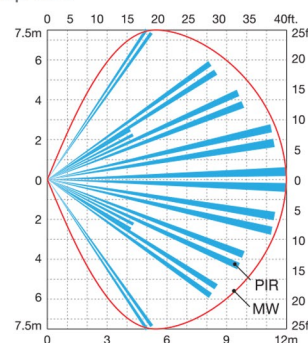
**Double conductive shielding**

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

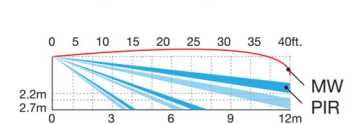


**Coverage**

Top View



Side View (Multi Level)



Side View (Pet Alley)

