

PASSIVE INFRARED DETECTOR

RX CORE series
RXC-ST

Grade 2
EN50131-2-2

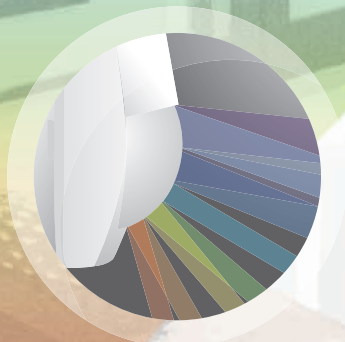
DIGITAL QUAD ZONE LOGIC

Built on OPTEX's proven RX and CX series technology, RXC-ST provides higher performance in higher temperatures, features digital target recognition and is suitable for Grade 2 residential, commercial or industrial applications.



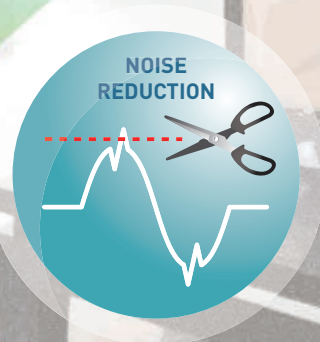
QUAD ZONE LOGIC

Digital target recognition for small animal tolerance



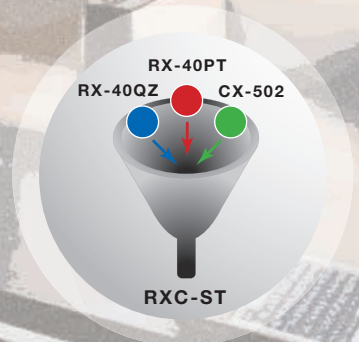
HIGH DENSITY PATTERN

To enhance catch performance



NOISE REDUCTION

Improved RF and white light immunity

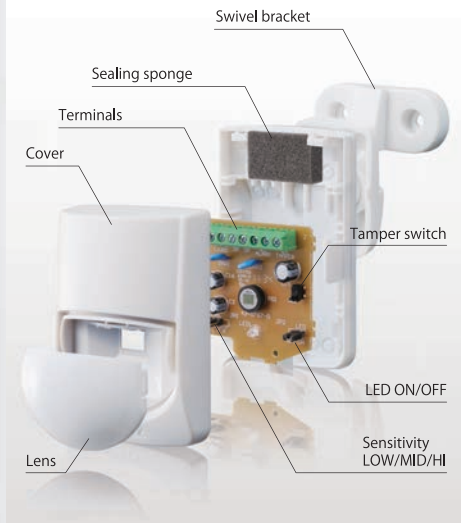


PROVEN TECHNOLOGY

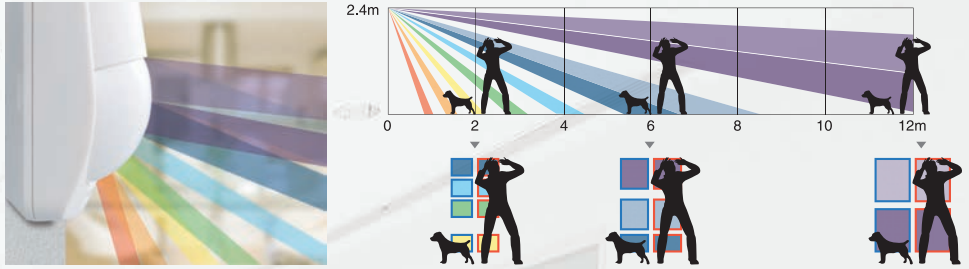
Built on three iconic detectors' technology

PASSIVE INFRARED DETECTOR

RX CORE Series



DIGITAL QUAD ZONE LOGIC



RX CORE has 78 dense zones to cover the whole coverage. At any spot within the coverage more than 4 (quad) zones are utilized to verify if it should generate alarm or not. Also The CORE Platform enabled the QUAD ZONE LOGIC to evolve to the next step. Providing digital quantification of infrared energy, RX-CORE enhanced accuracy in both human detectability and pet immunity.

SILENT OUTPUT



The original micro-processor technology enabled ECO PLATFORM operate under complete silence. There is no mechanical relay component that disturb the environment with clicking noise and making RX-CORE invisible in daily scenes.

MULTI ANGLE BRACKET

Ceiling and wall mounting are available. Horizontally ± 45 degree, Vertically 0 to 15 degree downwards.



Ceiling mount

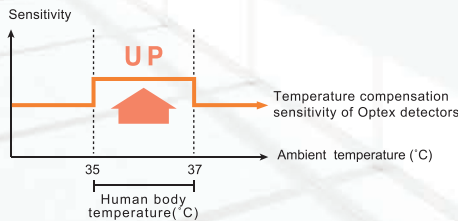
Wall mount

BASIC PERFORMANCE

ADVANCED SEALED OPTICS



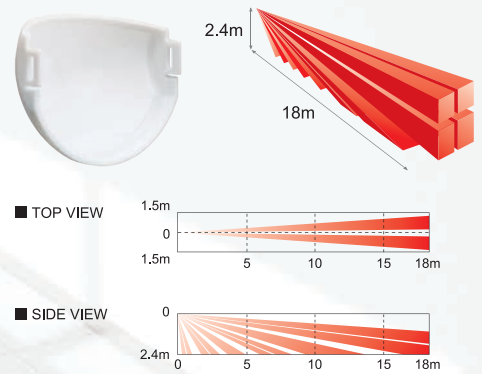
ADVANCED TEMPERATURE COMPENSATION LOGIC



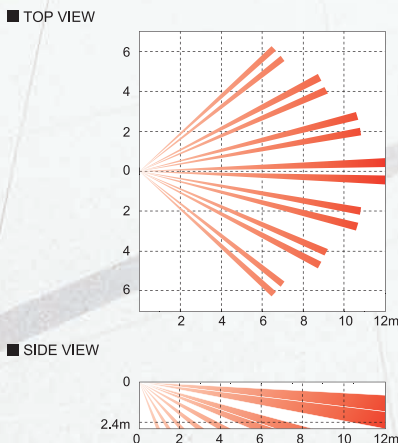
It automatically increases the detector's sensitivity under high temperature conditions, especially where the background temperature ranges from 35-37°C (63 - 67°F), close to that of the human body.

OPTION

18m long range lens : FL-60N



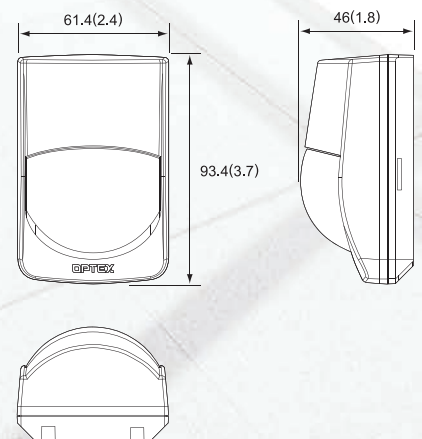
COVERAGE



SPECIFICATIONS

Model	RXC-ST
Detection method	Passive infrared
Coverage	12m x 12m(40ft x 40ft) 85°wide
Detection zones	78 zones
Mounting height	1.5 to 2.4m (5 to 8ft)
LED alarm indicator	Switchable ON/OFF
Alarm period	Approx. 2.5 sec
Alarm output	N.C., 24VDC 0.2A max.
Tamper switch	N.C., Open when cover is removed.
Sensitivity/range	Switchable LOW/MID/Hi
Warm up period	Approx. 30 sec
Power input	9.5 to 16VDC
Current draw	8mA(normal), 11mA(max.) at 12VDC
Dimensions	93.4mm x 61.4mm x 46.0mm <HxWxD>
Weight	Approx. 70g (with bracket: 90g)
Operating temperature	-20°C to +50°C(-4°F to +122°F)
Environmental humidity	95% max.
RF interference	No alarm 10V/m

DIMENSIONS



※Specifications are subject to change without prior notice.

Unit:mm(inch)



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