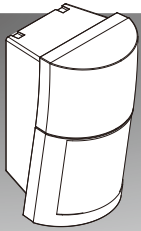


INSTALLATION INSTRUCTIONS

EN


Wide Angle Outdoor Detector

QX Infinity series

BATTERY OPERATED MODEL

QXI-R: Standard Battery Operated Model

QXI-RDT-X5: +Microwave detection (10.525 GHz)

QXI-RDT-X8: +Microwave detection (10.587 GHz)

QXI-RDT-X9: +Microwave detection (9.425 GHz)

1 Introduction



PDF download and **additional information** with **multilanguage**, available in;

<https://navi.optex.net/manual/50337>

- FR** Le téléchargement PDF et des informations supplémentaires multilingues sont disponibles dans l'URL indiquée.
- DE** PDF-Download und zusätzliche Informationen in mehreren Sprachen finden Sie unter der angezeigten URL.
- IT** Scarica il PDF e ulteriori informazioni multilingua all'URL indicato.
- ES** La descarga de PDF y la información adicional en varios idiomas están disponibles en la URL que se muestra.
- PT** Arquivo em PDF e informações adicionais com vários idiomas, disponíveis no URL mostrado.
- NL** Meertalige PDF-downloads en aanvullende informatie zijn beschikbaar in de getoonde URL.
- PL** Wersja pdf i dodatkowe informacje w kilka językach dostępna stronie adresem URL.

2 Manufacturer's statement

Warning

Prohibited

Recommended

Caution

Mounting height

Mounting height	Multi Level	Pet Alley
2.2 m (7'3") to 2.7 m (8'11")		
0.8 m (2'7") to 1.2 m (4')		

Tilt

Remove unused battery in case of battery sharing.
(See Web manual for details)

3 Installation

Do not touch the parts with this sign.

Maximum Transmitter Size (mm)

Size (mm)	30	50	90
30			
50			
90			

LED

LED	Seconds
[1] Warm-up	60
[2] Alarm	2
[3] Walk test end	5

MW Sensitivity

L H Default

Microwave module (QXI-RDT only)

Tamper switch

Mirror (Except levers on side)

DIP switch

PIR sensor

Cover lock screw (Use as necessary)

Connectors

Main unit side	Transmitter side
Power Red	Red
Black	Black
Alarm White	White
Yellow	Yellow
Trouble Green	Green
Blue	Blue

<Accessories>

Dummy battery and Connector for ALARM

Connector for sharing of the transmitter's battery (See Web manual for details)

Mounting screw (4 × 20 mm) × 3

Fixing screw for the Main unit (3 × 12 mm) × 1

Area masking strips

How to open the cover

Lock screw (Use as necessary) * Remove before, if used.

[1] Unlock the cover using a screwdriver (-).

[2] Lift the cover up.

Battery Life

CR123A (3 V DC, 1,300 mAh)

Battery saving timer	120	5
QXI-R	6	5
QXI-RDT	4	3

Unit: estimated years

Wall tamper option

Battery sharing

[1] Install dummy battery in transmitter

[2] CR123A

<Options>

CA-1W(W) Bracket for wall mount

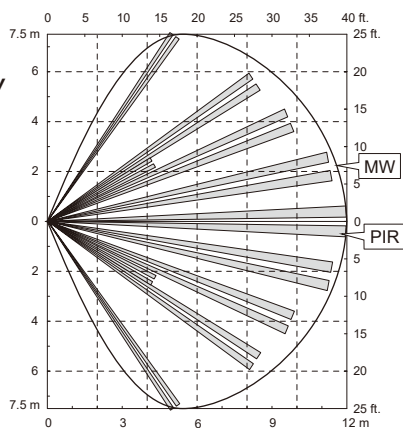
CA-2C(W) Bracket for ceiling mount

4 Settings

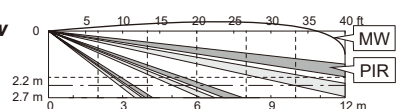
4-1. Detection area

Multi Level

Top view

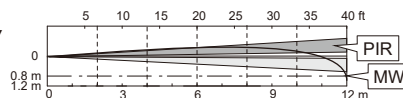


Side view

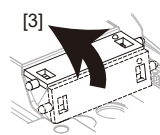
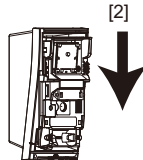
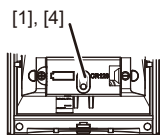


Pet Alley

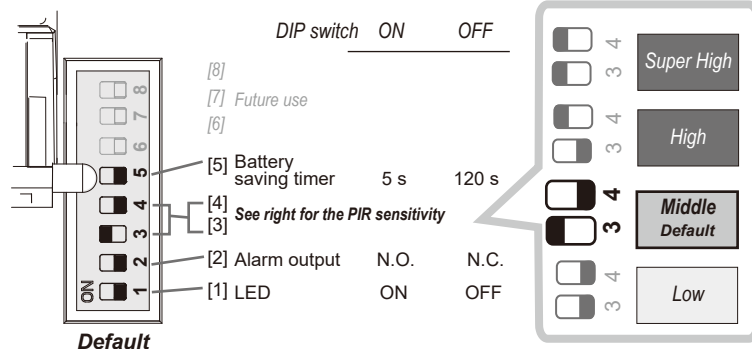
Side view



- [1] Loosen the fixing screw, if used.
- [2] Slide the Main unit down.
- [3] Rise the mirror up to the fixing position.
- [4] Tighten the fixing screw as before.



4-2. DIP switch settings

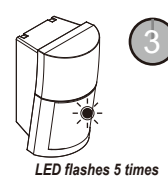
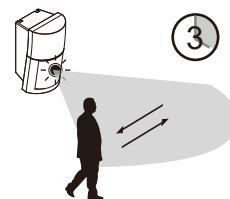
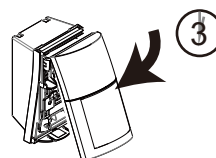


4-3. Walk test

[1] Close cover

[2] Walk test (3 minutes)

[3] Walk test ends



NOTE

- With the cover open, the tamper activates. This enables the LED function, regardless of DIP switch [1] setting.
- When the cover is closed, the Walk test timer starts and automatically returns to the normal mode after 3 minutes.
- If the unit is powered up with the cover closed, it will not enter walk test mode. Open and close the cover once to activate the walk test timer.
- Conduct a walk test at least once a year.

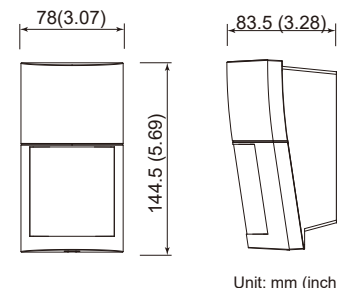
5 Specifications

5-1. Specifications

Model	QXI-R	QXI-RDT
Detection method	Passive infrared	Passive infrared & Microwave
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 67"/s)	
Sensitivity	2.0°C (3.6°F) at 0.6 m/s	
Pet alley	Remove lower area detection to avoid small animals.	
Power source	CR123A (3 V DC) *Not included.	
Current draw	9 µA stand-by 11 mA max. at 3 V DC	16 µA stand-by 11 mA max. at 3 V DC
Alarm period	2.0 ± 0.5 s	
Warm-up period	Approx. 60 s (LED blinks)	
Alarm output	N.C/N.O. switchable solidstate switch, 3 V DC 0.01 A max.	
Trouble output (with tamper)	N.C/N.O. switchable solidstate switch, 3 V DC 0.01 A max.	
LED indicator	[1] Warm-up [2] Alarm [3] Walk test end	
Operation temperature	-40°C to +60°C (-40°F to +140°F)	-40°C to +45°C (-40°F to +113°F)
Environment humidity	95% max.	
International protection	IP 54	
Mounting	Wall (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	215 g (7.58 oz)	230 g (8.11 oz)
Accessories	[1] Dummy battery and connector for ALARM [2] Connector for sharing of the transmitter's battery [3] Connector for TROUBLE [4] Mounting screw (4 x 20 mm) x 3 [5] Fixing screw (3 x 12 mm) x 1 [6] Area masking strips	

- Specifications and designs are subject to change without prior notice.
- These units are designed to detect an intruder and activate an alarm control panel. Being only a part of a complete system, we cannot accept responsibility for any damages or other consequences resulting from an intrusion.

5-2. Dimensions



Unit: mm (inch)

5-3. Compliance

- OPTEX declares that QXI-RDT-X5, QXI-RDT-X8 and QXI-RDT-X9 comply with RE Directive 2014/53/EU. Doc documents can be found on our website; www.optex.net
- Microwave emission Frequency and Power**
QXI-RDT-X5: 10.525 GHz 12.51 mW e.i.r.p
QXI-RDT-X8: 10.587 GHz 12.00 mW e.i.r.p
QXI-RDT-X9: 9.425 GHz 18.16 mW e.i.r.p
- The following list indicates the areas of intended use of the equipment and any known restrictions. For countries not included in this list, please consult the responsible Spectrum Management Agency.
10.525 GHz: Belgium, Denmark, Finland, Germany, Greece, Italy, Luxembourg, The Netherlands, Spain, Sweden, Iceland, Norway, Switzerland
10.587 GHz: Belgium, France, Germany, Ireland, Luxembourg, The Netherlands, United Kingdom
9.425 GHz: Austria, Czechia, Estonia, Germany, Slovakia, Turkey, Russia
- QXI-RDT-X5, QXI-RDT-X8 and QXI-RDT-X9 also comply with EU radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20 cm between the radiator & your body.

EU & UK contact information



<https://navi.optex.net/cert/contact/>



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