

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;

<http://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.
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- ES** La descarga de PDF y la información adicional en varios idiomas están disponibles en la URL que se muestra.
- PT** PDF download e informações adicionais com multilanguage estão disponíveis no URL mostrado.
- NL** PDF-downloads en aanvullende informatie met meertalige zijn beschikbaar in de getoonde URL.

**2 Manufacturer's statement**

**Warning**

**Prohibited**

**Recommended**

**Caution**

**Mounting height**

**Multi Level** 2.2 m (7'3") to 2.7 m (8'11")

**Pet Alley** 0.8 m (2'7") to 1.2 m (4')

**Tilt**

Replace the transmitter battery with the dummy battery (included) for battery sharing.

**3 Installation**

**Do not touch the parts with this sign.**

**Maximum Transmitter Size (mm)**

**MW Sensitivity**

L H default

**Connectors**

Main unit side	Transmitter side
Power <input type="checkbox"/> Red	<input type="checkbox"/> Red
Alarm <input type="checkbox"/> Black	<input type="checkbox"/> Black
<input type="checkbox"/> White	<input type="checkbox"/> White
<input type="checkbox"/> Yellow	<input type="checkbox"/> Yellow
Trouble <input type="checkbox"/> Green	<input type="checkbox"/> Green
<input type="checkbox"/> Blue	<input type="checkbox"/> Blue

**<Accessories>**

- Dummy battery and Connector for ALARM
- Connector for TROUBLE
- Mounting screw (4 x 20 mm) x 3
- Fixing screw for the Main unit (3 x 12 mm) x 1
- Area masking strips

**LED**

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

**Battery Life**

Model	Battery saving timer (DIP SW No.5)	
	120	5
QXI-R	6	5
QXI-RDT	4	3

Unit: estimated years

**How to open the cover**

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

[2] Lift the cover up.

**Wall tamper option**

**Battery sharing**

[1] Install dummy battery in transmitter

[2] CR123A

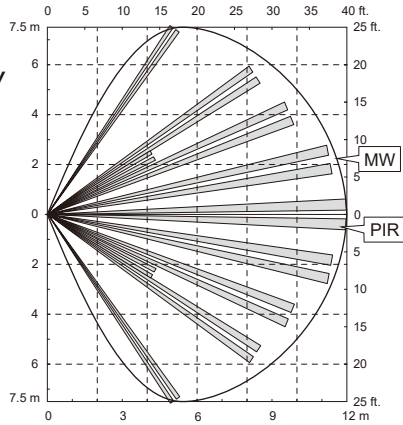
**<Options>**

- CA-1W(W) Bracket for wall mount
- CA-2C(W) Bracket for ceiling mount

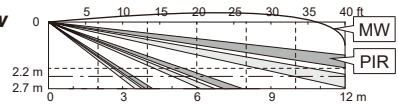
## 4 Settings

### 4-1. Detection area

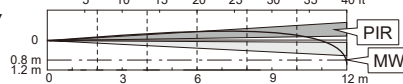
**Multi Level** **Top view**



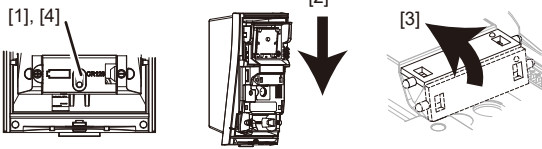
**Side view**



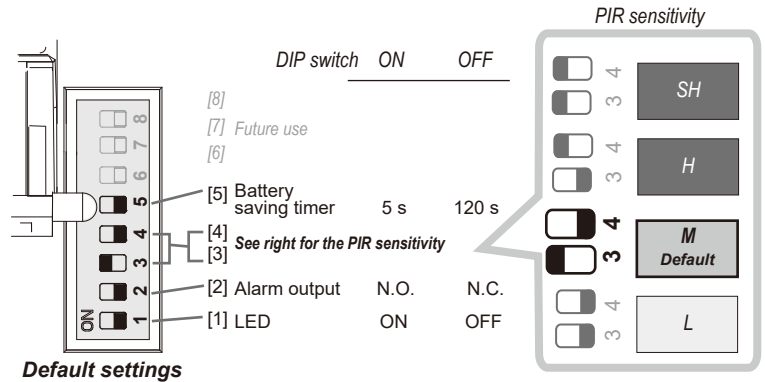
**Pet Alley** **Side view**



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



### 4-2. DIP switch settings



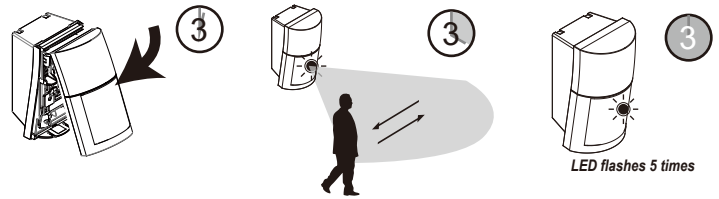
**Default settings**

### 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.

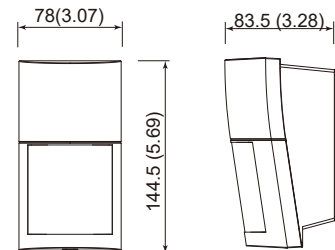
## 5 Specifications

### 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.	
Internation 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 TROUBLE [3] Mounting screw (4 x 12 mm) x 3 [4] Lock screw (3 x 12 mm) x 1 [5] 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



#### EU contact information

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