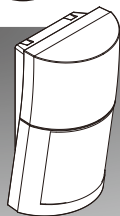


INSTALLATION INSTRUCTIONS



Wide Angle Outdoor Detector

QX Infinity series

WIRED MODEL

QXI-ST: Standard Wired Model

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

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

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

1 Introduction



PDF download and additional information with multilanguage, available in;

<http://navi.optex.net/manual/50333>

- 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 Download PDF e ulteriori informazioni con multilingua sono disponibili nell'URL mostrato.
- 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

< QXI-DT only >

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')

Pet Alley

The anti-blocking function can not be used with the pet alley setting.

3 Installation

How to open the cover

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

[2] Lift the cover up.

Terminal

QXI-ST	QXI-DT
Power (+/-)	Power (+/-)
Spare	Spare
Alarm (SP)	Alarm (SP)
Tamper (TR)	Trouble (TR)
COM	COM
AL	Alarm
TP	Tamper

LED

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

Accessories

- Mounting screw (4 × 20 mm) x 2
- Fixing screw for the Main unit (3 × 12 mm) x 1
- Area masking strips

Options

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

Wiring

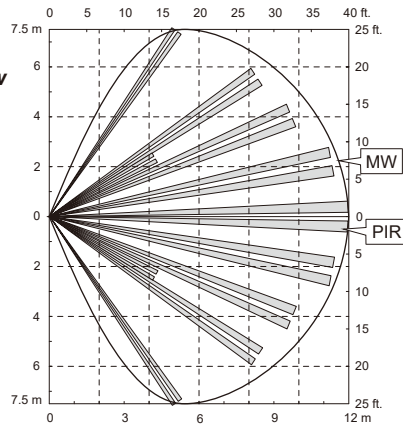
[1] Wiring knockout

[2] Wire through the knockout

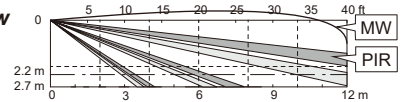
4 Settings

4-1. Detection area

Multi Level Top view

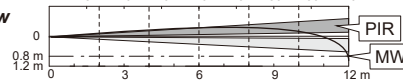


Side view



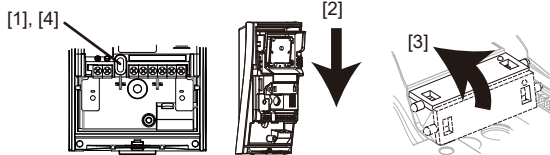
Pet Alley

Side view

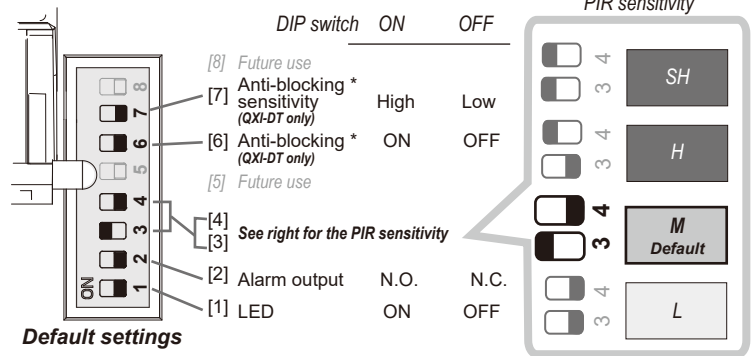


- [1] Loosen the lock screw.
- [2] Slide the Main unit down.
- [3] Rise the mirror up to the fixing position.
- [4] Tighten the lock screw as before.

Caution
The anti-blocking function
can not be used with the
pet alley setting.



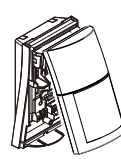
4-2. DIP switch settings



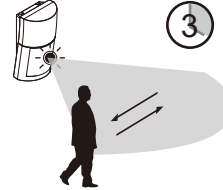
* Objects moving nearby by the detector may affect
the correct operation of the anti-blocking.

4-3. Walk test

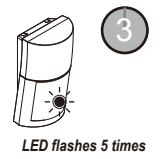
[1] Close cover



[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.

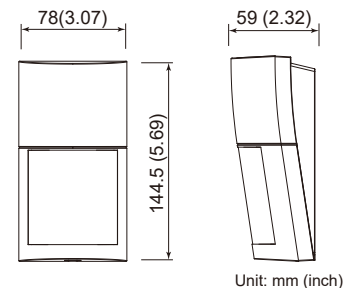
5 Specifications

5-1. Specifications

Model	QXI-ST	QXI-DT
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 6'7"/s)	
Sensitivity	2.0°C (3.6°F) at 0.6 m/s	
Pet alley	Remove lower area detection to avoid small animals.	
Power input	9.5 to 16 V DC	
Current draw	20 mA max. at 12 V DC	30 mA max. at 12 V DC
Alarm period	2.0 ± 0.5 s	
Warm-up period	Approx. 60 s (LED blinks)	
Alarm output	N.C/N.O. switchable, 28 V DC 0.1 A max.	
Trouble output	—	N.C. 28 V DC 0.1 A max.
Tamper output	N.C. 28 V DC 0.1 A max. Open when the cover is opened	
LED indicator	[1] Warm-up [2] Alarm [3] Walk test end	[1] Warm-up [2] Alarm [3] Walk test end [4] Blocking detection
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.	
Interation 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	180 g (6.35 oz)	195 g (6.88 oz)
Accessories	[1] Mounting screw (4 x 12 mm) x 2 [3] Area masking strips	[2] Lock screw (3 x 12 mm) x 1

- 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)

EU contact information

Manufacturer:

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5-8-12 Ogoto, Otsu, Shiga, 520-0101 JAPAN

Authorized representative in Europe:

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