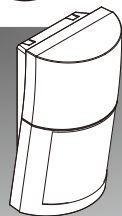


INSTALLATION INSTRUCTIONS

EN


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;

<https://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 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

< QXI-DT only >

Prohibited

Recommended

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')

Caution

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	Alarm
Tamper	Tamper
SP	SP
SP	TR
COM	COM
AL	AL
TP	TP
TP	TP

Accessories

Mounting screw (4 x 20 mm) x 2

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

Area masking strips

Options

CA-1W(W) Bracket for wall mount

CA-2C(W) Bracket for ceiling mount

Wiring

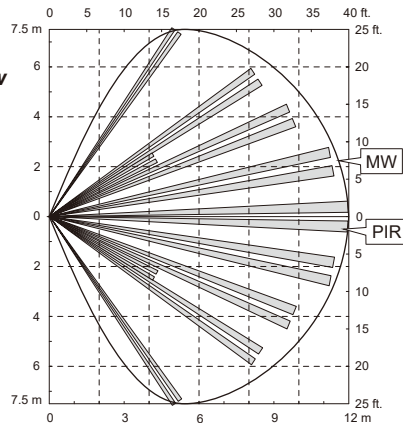
[1] Wiring knockout

[2] Wire through the knockout

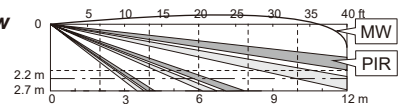
4 Settings

4-1. Detection area

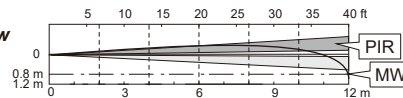
Multi Level Top view



Side view

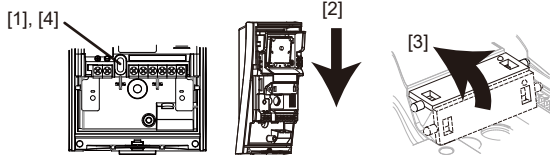


Pet Alley Side view

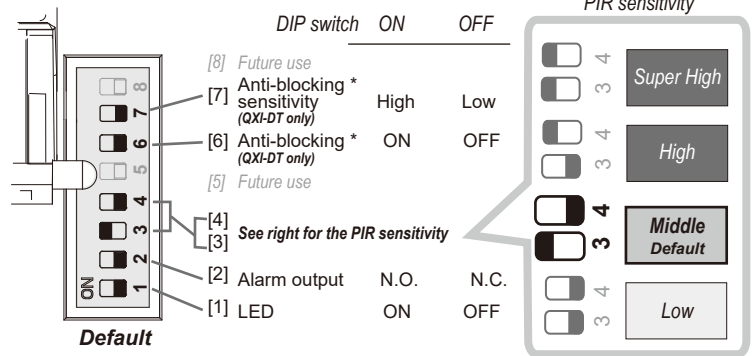


- [1] Loosen the fixing screw, if used.
- [2] Slide the Main unit down.
- [3] Rise the mirror up to the fixing position.
- [4] Tighten the fixing screw as before.

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

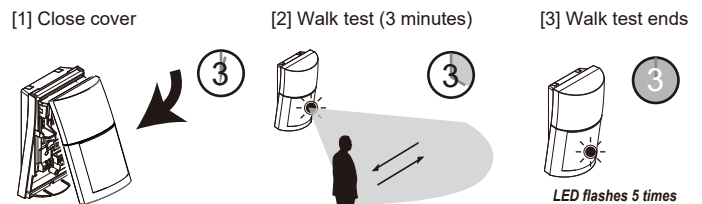


4-2. DIP switch settings



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

4-3. Walk test



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.

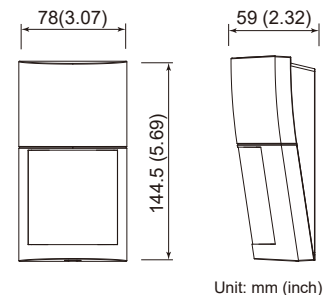
5 Specifications

5-1. Specifications

Model	QXI-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.	
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	180 g (6.35 oz)	195 g (6.88 oz)
Accessories	[1] Mounting screw (4 x 20 mm) x 2 [2] Fixing screw (3 x 12 mm) x 1 [3] 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-DT-X5, QXI-DT-X8 and QXI-DT-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-DT-X5: 10.525 GHz	12.51 mW e.i.r.p
QXI-DT-X8: 10.587 GHz	12.00 mW e.i.r.p
QXI-DT-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-DT-X5, QXI-DT-X8 and QXI-DT-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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