

## HIGH MOUNT OUTDOOR CURTAIN DETECTOR

# TXI series

### Wired models

**TXI-ST** : Triple AND PIR  
**TXI-DAM** : Triple AND PIR with Microwave + Anti-masking  
 Detection range : 12m  
 Mounting height : 2.2-3.0m / 3.0-4.0m

### Battery-operated models

**TXI-R** : Triple AND PIR  
**TXI-RDAM** : Triple AND PIR with Microwave + Anti-masking  
 Detection range : 12m  
 Mounting height : 2.2-3.0m / 3.0-4.0m



## Reliability

### Triple AND logic \*Patent pending

Triple AND logic and optimized area design greatly reduce false alarms caused by small animals and ambient light. It achieves an excellent balance between human detection performance and pet tolerance.



## Exterior

### Sleek and compact design

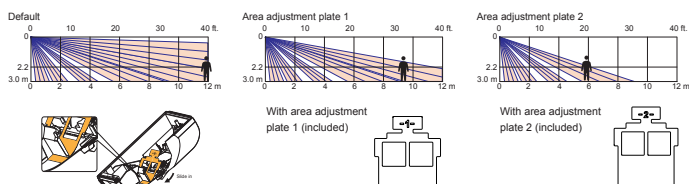
Palm-sized and stylish, designed to blend in with your home without compromising its look.



## Flexible area settings

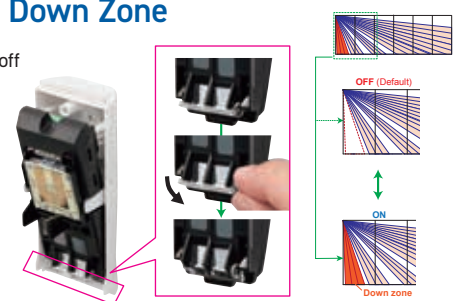
### Detection distance adjustment

By inserting the included area adjustment plate into the main unit, three detection distance can be easily switched.



### Selectable Down Zone

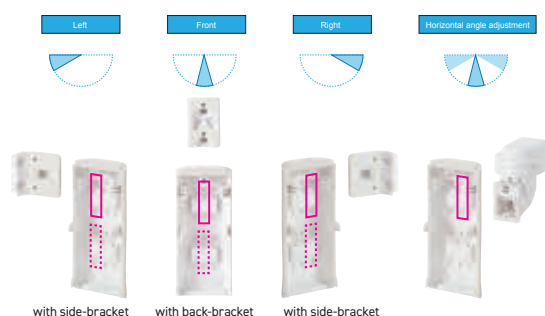
Down zone can be on/off with the bottom lever.



## Improved installation efficiency

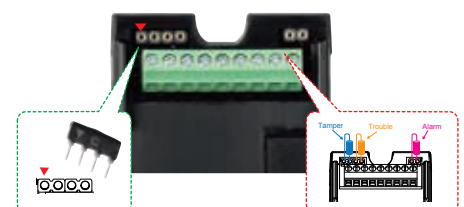
### Optimal installation

Installation requires the included bracket, ensuring secure and proper installation for both hidden and exposed wiring. Ceiling mount available with optional bracket (TXI-BKT).



### EOL compatible

EOL terminals for faster and easier wiring.



## Options

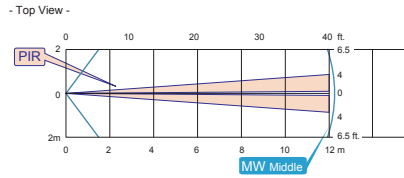
**TXI-BKT** \*Patent pending  
Wall/Ceiling Mount



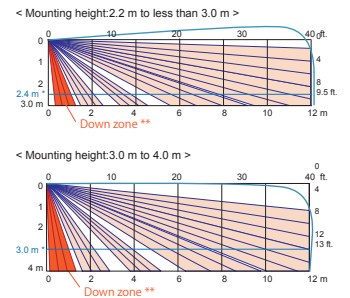
**PEU**



## Detection area

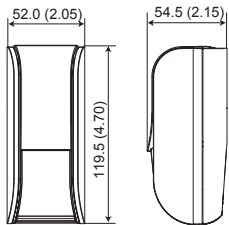


- Side View -

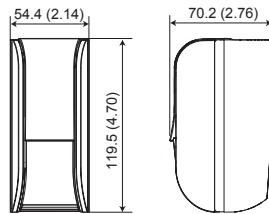
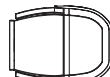


## Dimensions

**TXI-ST/DAM**



**TXI-R/RDAM**



## Other features

- Compliant to EN-Grade II (in progress)
- Accelerometer for tamper
- Dual-technology (DAM/RDAM model only)
- Anti-masking (DAM/RDAM model only)

## Specification

Models	TXI-ST	TXI-DAM-X5/-X8/-X9
<b>Installation</b>		
Detection method	Passive infrared	Passive infrared and Microwave
Coverage	12 m x 2.4 m (40' x 8')	
Mounting height	2.2 to 4.0 m (7'2" to 13'2")	
Warm-up period	60.0 ± 0.5 s	
Alarm period	2.0 ± 0.5 s	
LED indicator	Switchable ON/OFF Red LED Warm-up (Blinks for 60 s) Alarm (Lights for 2 s) Walk test mode end (fast blinks for 5 s)	Switchable ON/OFF Red LED Warm-up (Blinks for 60 s) Alarm (Lights for 2 s) Masking detection (Blinks 3 times & repeats) Walk test mode end (fast blinks for 5 s)
<b>Electrical</b>		
Power input	9.5 to 16 VDC	
Current draw	8 mA (normal) 16 mA (max.) at 12 VDC	12 mA (normal) 19 mA (max.) at 12 VDC
Trouble output(masking)	-	N.C. 24 VDC 0.1 A max. (Resistive load)
Alarm output	N.C. 24 VDC 0.1 A max. (Resistive load)	
Tamper output	N.C. 24 VDC 0.1 A max. (Resistive load) Open when either cover, main unit is removed.	
<b>Environmental</b>		
Operation temperature	-30°C to +60°C (-22°F to +140°F)	-20°C to +45°C (-4°F to +113°F)
Temperature compensation	Digital (SMDA)	
Environmental humidity	95% max.	
RF interference	No alarm 10 V/m	
IP rating	IP55	
<b>Mechanical</b>		
Dimension	H: 119.5 x W: 52.0 x D: 54.5 mm (H: 4.70 x W: 2.05 x D: 2.15 inch)	
Weight	Approx. 122 g (4.3 oz)	Approx. 142 g (5.0 oz)
Mounting	Wall (with included brackets [side/back]) Wall, Ceiling (with optional bracket:TXI-BKT)	
<b>Accessories</b>		
Mounting screw x 2, Joint screw x 2, Side-bracket x 1, Back-bracket x 1 Area adjustment plate 1 x 1, Area adjustment plate 2 x 1, Sponge x 2		

Models	TXI-R	TXI-RDAM-X5/-X8/-X9
<b>Installation</b>		
Detection method	Passive infrared	Passive infrared and Microwave
Coverage	12 m x 2.4 m (40' x 8')	
Mounting height	2.2 to 4.0 m (7'2" to 13'2")	
Warm-up period	60.0 ± 0.5 s	
Alarm period	2.0 ± 0.5 s	
LED indicator	Switchable ON/OFF Red LED Warm-up (Blinks for 60 s) Alarm (Lights for 2 s) Walk test mode end (Fast blinks for 5 s)	Switchable ON/OFF Red LED Warm-up (Blinks for 60 s) Alarm (Lights for 2 s) Masking detection (Blinks 3 times & repeats) Walk test mode end (Fast blinks for 5 s)
<b>Electrical</b>		
Power input	3.0 VDC	
Current draw	14 µA (Stand-by) 5 mA (max.) at 3.0 VDC	19 µA (Stand-by) 6 mA (max.) at 3.0 VDC
Alarm output	Solidstate switch, 10 VDC 0.1 A max	
Trouble output(with tamper)	Solidstate switch, 10 VDC 0.01 A max. Open when either the cover, main unit is removed	Solidstate switch, 10 VDC 0.01 A max. Open when either the cover, main unit is removed, and masking detection
<b>Environmental</b>		
Operation temperature	-30°C to +60°C (-22°F to +140°F)	-20°C to +45°C (-4°F to +113°F)
Temperature compensation	Digital (SMDA)	
Environmental humidity	95% max.	
RF interference	No alarm 10 V/m	
IP rating	IP55	
<b>Mechanical</b>		
Dimension	H: 119.5 x W: 54.4 x D: 70.2 mm (H: 4.70 x W: 2.14 x D: 2.76 inch)	
Weight	Approx. 135 g (4.8 oz)	Approx. 155 g (5.5 oz)
Mounting	Wall (with included brackets [side/back]) Wall, Ceiling (with optional bracket:TXI-BKT)	
<b>Accessories</b>		
Mounting screw x 2, Joint screw x 2, Side-bracket x 1, Back-bracket x 1 Area adjustment plate 1 x 1, Area adjustment plate 2 x 1, Connector 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.



**OPTEX CO., LTD. (JAPAN)**

www.optex.co.jp/e

**OPTEX AMERICAS Headquarter**  
OPTEX INC. (U.S.)  
www.optexamerica.com

**OPTEX EMEA Headquarter**  
OPTEX EUROPE B.V. (EU)  
www.optex-europe.com

**OPTEX (EUROPE) Ltd (UK)**  
www.optex-europe.com

**OPTEX SAS (France)**  
www.optex-europe.com/fr

**OPTEX Sp. z o.o. (Poland)**  
www.optex-europe.com/pl

**OPTEX GmbH (Germany)**  
www.optex-europe.com/de

**OPTEX PINNACLE INDIA, PVT., LTD. (India)**  
www.optexpinnacle.com

**OPTEX KOREA CO., LTD. (Korea)**  
www.optexkorea.com

**OPTEX (DONGGUAN) CO., LTD.**  
SHANGHAI OFFICE (China)  
www.optexchina.com

**OPTEX (Thailand) CO., LTD. (Thailand)**  
optex-asean.com