TAKEX

SECURITY SENSORS

TAKEX is a leading Japanese manufacturer of Security Sensors specializing in Active Infrared Beams for Perimeter Protection, Passive Infrared Motion Sensors for indoor and outdoor applications and Ultraviolet flame detector. With more than 50 years of design and engineering you can rely on the quality and performance of TAKEX security sensor products, we are the choice of professionals worldwide.

PHOTOELECTRIC BEAMS

PASSIVE INFRARED SENSORS

FLAME SENSORS

GLASS BREAK SENSORS

DOOR SENSORS

ATTENTION SENSORS

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The product complies with EU safety, health and environmental requirements.

The product complies with ACMA regulatory requirements for network integrity, interoperability, performance characteristics, and health & safety.

The product is Listed by UL. Representative samples of the product have been evaluated by UL and meet applicable safety standards.

Access the full product data sheet by scanning the QR code with your mobile device.

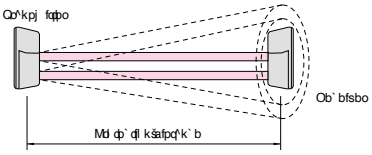
At Takex, we supply reliable, long lasting, high quality products that are designed and engineered at our Takenaka Sensor Group facilities in Japan. Our mission is to provide the highest quality products through continuous product development and superior customer service by an exceptional support structure.

We are proud of our past and focused on the future.

TWIN BEAMS

TAKEX Twin Beams feature our patented 'double modulation' technology giving them an unsurpassed immunity to sunlight and artificial light sources - ideal for protecting windows, doors, fence lines, entrances and driveways.

PB-30TK	PB-60TK	PB-100TK
30m (100ft) outdoor	60m (200ft) outdoor	100m (330ft) outdoor

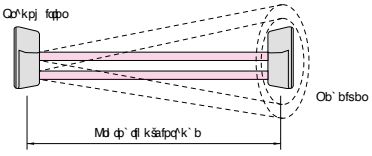


FEATURES

- 2 x synchronized high power beams
- Double modulation for unsurpassed light immunity
- Auto-gain control (AGC)
- Monitor jack output
- Frost-proof cover
- ±90° horizontal ±10° vertical adjustable sensor heads
- 50,000 lux sunlight immunity
- IP55 housing

Detection System	Near infrared (through type)
Alarm Output	Dry contact relay output: 1c Reset time: Detection time + delay time (approx. 1 - 3sec) 30V (AC/DC) 0.5 A Max
Supply Voltage	10 to 30V DC (non-polarity)
Current Consumption	55mA to 80mA
Features	• Double modulation beam • Frost proof cover • AGC circuit • Monitor jack output
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)
Mounting Position	Outdoor, indoor
Optional	Pole cover, Pole attachment, Heater
External Dimensions - WHD	73 x 170 x 71.5mm (2.87 x 6.69 x 2.81")
IP Rating	54
Weight - TR/RE	380g (13.3oz) / 400g (14oz) usa

PB-20TE	PB-40TE	PB-60TE
20m (66ft) outdoor	40m (135ft) outdoor	60m (200ft) outdoor



FEATURES

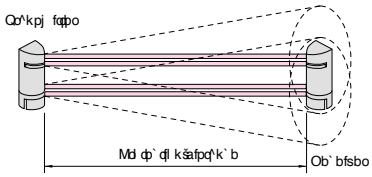
- 2 x synchronized high power beams
- 4 selectable beam channels to prevent crosstalk
- Vivid body stickers aid beam alignment procedure
- Double modulation for unsurpassed light immunity
- Auto-gain control (AGC)
- Monitor jack output
- Frost-proof cover
- ±90° horizontal ±10° vertical adjustable sensor heads
- 50,000 lux sunlight immunity
- IP55 housing

Detection System	Near infrared (through type)
Alarm Output	Dry contact relay output: 1c Reset time: Detection time + delay time (approx. 1 - 3sec) 30V (AC/DC) 0.5 A Max
Supply Voltage	10 to 30V DC (non-polarity)
Current Consumption	55mA to 80mA
Features	• Double modulation beam • Frost proof cover • AGC circuit • Monitor jack output
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)
Mounting Position	Outdoor, indoor
Optional	Pole cover, Pole attachment, Heater
External Dimensions - WHD	73 x 170 x 71.5mm (2.87 x 6.69 x 2.81")
IP Rating	54
Weight - TR/RE	380g (13.3oz) / 400g (14oz)

QUAD BEAMS

The professional choice in outdoor protection, our Quad beam detectors synchronise 16 beam paths for maximum stability in severe weather conditions, perfect for long range perimeter protection.

PB-50FA	PB-100FA	PB-200FA
50m (165ft) outdoor	100m (330ft) outdoor	200m (660ft) outdoor



FEATURES

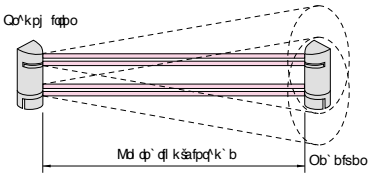
- 4 x synchronized high power beams
- Double modulation for unsurpassed light immunity
- Dynamic auto-gain lock (AGL)
- ±90° horizontal ±10° vertical adjustable sensor heads
- 50,000 lux sunlight immunity
- IP55 housing

Detection System	Near infrared pulsed beam interruption system (TR-RE 4 beam simultaneous interruption)
Alarm Output	Dry contact relay output N.O./N.C. selectable Reset time: Interruption time (Min. 2sec) 30V (AC/DC) 1A Max
Supply Voltage	12 to 30V DC (non-polarity)
Current Consumption	95mA to 120mA
Features	• Double modulation beam • Frost proof cover
Ambient Temperature	-35°C to +66°C (-31°F to +151°F)
Optional	Pole cover, Pole attachment, Pole-side cover, Heater, Flush mount housing
External Dimensions - WHD	104 x 390 x 98mm (4.09 x 15.35 x 3.86")
IP Rating	55
Weight - TR/RE	1.2kg (42oz) / 1.3kg (45.5oz)

QUAD BEAMS

The professional choice in outdoor protection, our Quad beam detectors synchronise 16 beam paths for maximum stability in severe weather conditions, perfect for long range perimeter protection.

PB-IN-50HFA	PB-IN-100HFA	PB-IN-200HFA
50m (165ft) outdoor	100m (330ft) outdoor	200m (660ft) outdoor

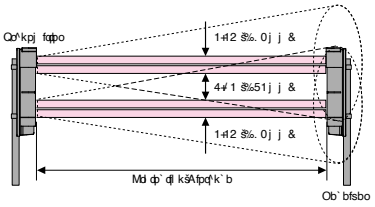


FEATURES

- 4 x synchronized high power beams
- 4 selectable beam channels to prevent crosstalk
- Double modulation for unsurpassed light immunity
- Environmental monitoring circuit
- Vivid internal body stickers aid beam alignment procedure
- Dynamic auto-gain lock (AGL)
- ±90° horizontal ±10° vertical adjustable sensor heads
- 50,000 lux sunlight immunity
- IP55 housing

Detection System	Near infrared pulsed beam interruption system (TR-RE 4 beam simultaneous interruption)
Alarm Output	Dry contact relay output: 1c Reset time: Interruption time (Min. 2sec) 30V (AC/DC) 1A Max
Supply Voltage	12 to 30V DC (non-polarity)
Current Consumption	95mA to 120mA
Features	• Double modulation beam • Beam power selection • Auto-gain lock • Frost proof cover
Ambient Temperature	-35°C to +66°C (-31°F to +151°F)
Optional	Pole cover, Pole attachment, Pole-side cover, Heater, Flush mount housing
External Dimensions - WHD	104 x 390 x 98mm (4.09 x 15.35 x 3.86")
IP Rating	55
Weight - TR/RE	1.2kg (42oz) / 1.3kg (45.5oz)

PXB-50HF	PXB-100HF	PXB-200HF
50m (165ft) outdoor	100m (330ft) outdoor	200m (660ft) outdoor



FEATURES

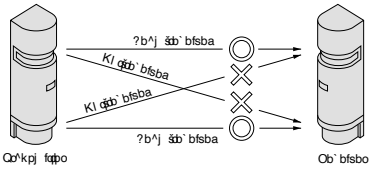
- 4 x synchronized high power beams
- 4 selectable beam channels to prevent crosstalk
- Double modulation for unsurpassed light immunity
- Increased beam separation minimizes nuisance alarms
- Vivid internal color aids beam alignment procedure
- Lightning and surge protection up to 15kV
- Environmental monitoring circuit
- Dynamic auto-gain lock (AGL)
- ±90° horizontal ±20° vertical adjustable sensor heads
- 50,000 lux sunlight immunity
- IP65 housing

Detection System	Near infrared pulsed beam interruption system (TR-RE 4 beam simultaneous interruption)
PXB-100HF Alarm Output	Dry contact relay output form C Contact action: Interruption time (Min.2sec.) Contact capacity: 30V (AC/DC) 1A (resistive load) Protective resistor
Supply Voltage	12 to 30V DC (Non-polarity)
Current Consumption	30mA to 34mA
Features	• Double modulation beam • Wide beam separation • Upper/lower beam switch • Response time adjustment
Ambient Temperature	-35°C to +66°C (-31°F to +151°F)
Optional	Pole cover, Pole-side cover, Heater
External Dimensions - WHD	114 x 450 x 100mm (4.49 x 17.72 x 3.94")
IP Rating	65
Weight - TR/RE	1.4kg (49oz) / 1.47kg (51.5oz)

ANTI-CRAWL BEAMS

Designed to be used in the highest security applications, such as Prisons, Military Compounds, Nuclear Facilities, or any other high risk sites where protection is paramount.

PB-IN-100AT
100m (330ft) outdoor



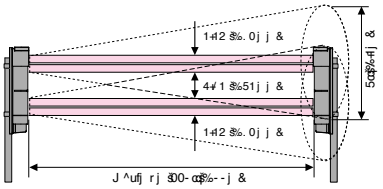
FEATURES

- Anti-crawl beam for high-security applications
- Independent activation of upper or lower beams
- Dual response time system
- Double modulation for unsurpassed light immunity
- 4 selectable beam channels to prevent crosstalk
- Environmental monitoring circuit
- Dynamic auto-gain lock (AGL)
- ±90° horizontal ±10° vertical adjustable sensor heads
- 50,000 lux sunlight immunity
- IP55 housing

Detection System	Near infrared pulsed beam interruption system (Anti-crawling)
Alarm Output	Dry contact relay output: 1c Reset time: Detection time + delay time (approx. 1,5sec) 30V (AC/DC) 1A Max
Supply Voltage	12 to 30V DC (non-polarity)
Current Consumption	85mA
Features	• Double modulation beam • Auto-gain lock • Dual response time system
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)
Optional	Pole cover, Pole attachment, Pole-side cover, Heater
External Dimensions - WHD	104 x 390 x 98mm (4.09 x 15.35 x 3.86")
IP Rating	55
Weight - TR/RE	1.2kg (42oz) / 1.3kg (45.5oz)

PXB-100ATC

100m (330ft) outdoor



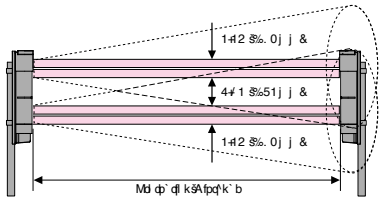
FEATURES

- Independent control of upper and lower beams
- Choose between synchro-quad and anti-crawl operation
- Dual outputs for crawl attempt and full beam break
- Sync wire allows unlimited stacking without crosstalk
- 4 selectable beam channels to prevent crosstalk
- Double modulation for unsurpassed light immunity
- Increased beam separation minimizes nuisance alarms
- Vivid internal color aids beam alignment procedure
- Lightning and surge protection up to 15kV
- ±90° horizontal ±20° vertical adjustable sensor heads
- Environmental monitoring circuit
- Dynamic auto-gain lock (AGL)
- 50,000 lux sunlight immunity
- IP65 housing

Detection System	Near infrared pulsed beam interruption system (Anti-crawling)
Alarm Output	Dry contact relay output N.O./N.C. selectable Contact action: Interruption time (Min.2sec.) Contact capacity: 30V (AC/DC) 1A (resistive load) Protective resistor
Supply Voltage	12 to 30V DC (Non-polarity)
Current Consumption	Transmitter: 27mA Receiver: 48mA
Features	• Double modulation beam • Wide beam separation • Upper/lower beam switch
Ambient Temperature	-35°C to +66°C (-31°F to +151°F)
Optional	Pole cover, Pole-side cover, Heater
External Dimensions - WHD	114 x 450 x 100mm (4.49 x 17.72 x 3.94")
IP Rating	65
Weight - TR/RE	1.4kg (49oz) / 1.5kg (52.5oz)

TXF-125E

25m (82ft) 50m (165ft) 75m (245ft) 100m (330ft)



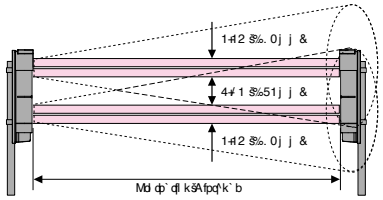
FEATURES

- 4 x synchronized high power beams
- 4 selectable operation ranges
- 4 selectable beam channels to prevent crosstalk
- Up to 5 year battery life using 2 x LS 33600 (3.6V 17Ah) batteries per unit
- Increased beam separation minimizes nuisance alarms
- Vivid internal color aids beam alignment procedure
- ±90° horizontal ±20° vertical adjustable sensor heads
- Environmental monitoring circuit
- IP65 housing

Detection System	Near infrared pulsed beam interruption (TR-RE 4 beam simultaneous interruption)
Alarm Output	Dry contact relay output form C Contact capacity: DC 30V 0.1A (resistive load)
Supply Voltage	3.6V DC (SAFT LS33600 recommended)
Features	• Single modulation beam • Wide beam separation • Upper/lower beam switch • Battery saving • Repeat output • Battery sharing
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)
Optional	Pole cover
External Dimensions - WHD	114 x 450 x 135mm (4.49 x 17.72 x 5.90")
IP Rating	65
Weight - TR/RE	1.5kg (52.5oz) / 1.55kg (54.3oz)

TXF-125DM

25m (82ft) 50m (165ft) 75m (245ft) 100m (330ft)

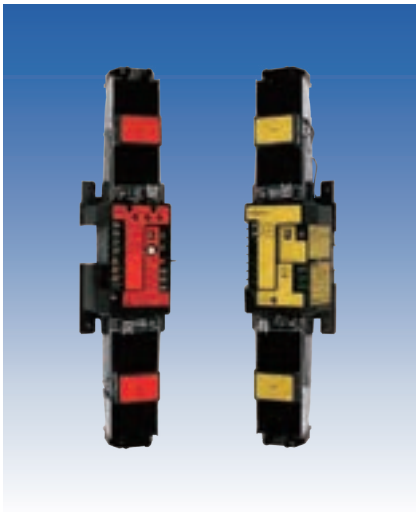


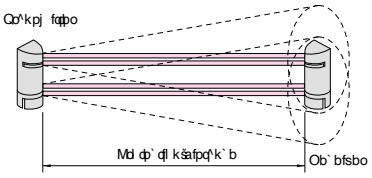
FEATURES

- Double modulation for unsurpassed light immunity
- 4 selectable operation ranges
- 4 selectable beam channels to prevent crosstalk
- Up to 5 year battery life using 4 x LS 33600 (3.6V 17Ah) batteries on transmitter, 2 x LS 33600 on receiver
- Increased beam separation minimizes nuisance alarms
- Vivid internal color aids beam alignment procedure
- ±90° horizontal ±20° vertical adjustable sensor heads
- Environmental monitoring circuit
- IP65 housing

Detection System	Near infrared pulsed beam interruption (TR-RE 4 beam simultaneous interruption)
Alarm Output	Dry contact relay output form C Contact capacity: DC 30V 0.1A (resistive load)
Supply Voltage	3.6V DC (SAFT LS33600 recommended)
Features	• Single modulation beam • Wide beam separation • Upper/lower beam switch • Battery saving • Repeat output • Battery sharing
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)
Optional	Pole cover
External Dimensions - WHD	114 x 450 x 135mm (4.49 x 17.72 x 5.90")
IP Rating	65
Weight - TR/RE	1.5kg (52.5oz) / 1.55kg (54.3oz)

PB-50HFA-KH	PB-100HFA-KH	PB-200HFA-KH
50m (165ft) outdoor	100m (330ft) outdoor	200m (660ft) outdoor



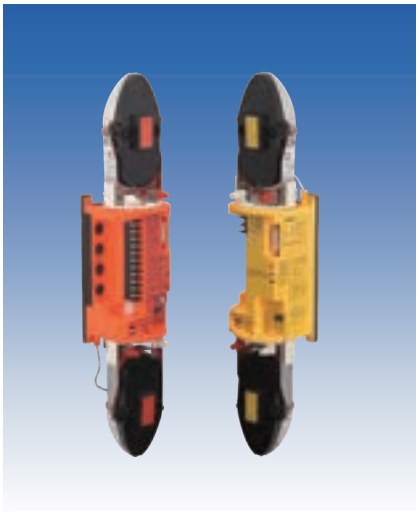


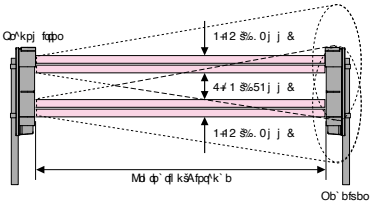
FEATURES

- Specifically designed for use in TA series Tower Enclosures
- 4 x synchronized high power beams
- Double coated electronics for demanding environments
- Supplied with 'Quick fix' mounting brackets for easy adjustment
- 4 selectable beam channels to prevent crosstalk
- Environmental monitoring circuit
- Vivid body stickers aid beam alignment procedure
- Double modulation for unsurpassed light immunity
- Dynamic auto-gain lock (AGL)
- ±90° horizontal ±10° vertical adjustable sensor heads
- 50,000 lux sunlight immunity

Detection System	Near infrared pulsed beam interruption system (TR-RE 4 beam simultaneous interruption)
Alarm Output	Dry contact relay output: 1c Reset time: Interruption time (Min. 2sec) 30V (AC/DC) 1A Max
Supply Voltage	12 to 30V DC (non-polarity)
Current Consumption	60mA to 85mA
Features	• Double modulation beam • Beam power selection • Auto-gain lock • Frost proof cover
Ambient Temperature	-35°C to +66°C (-31°F to +151°F)

PXB-50HF-KH	PXB-100HF-KH	PXB-200HF-KH
50m (165ft) outdoor	100m (330ft) outdoor	200m (660ft) outdoor



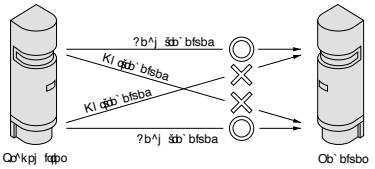


FEATURES

- Specifically designed for use in TA series Tower Enclosures
- 4 x synchronized high power beams
- Double coated electronics for demanding environments
- 4 selectable beam channels to prevent crosstalk
- Double modulation for unsurpassed light immunity
- Increased beam separation minimizes nuisance alarms
- Vivid internal color aids beam alignment procedure
- Lightning and surge protection up to 15kV
- Environmental monitoring circuit
- Dynamic auto-gain lock (AGL)
- ±90° horizontal ±20° vertical adjustable sensor heads
- 50,000 lux sunlight immunity

Detection System	Near infrared pulsed beam interruption system (TR-RE 4 beam simultaneous interruption)
Alarm Output	Dry contact relay output form C Contact action: Interruption time (Min.2sec.) Contact capacity: 30V (AC/DC) 1A (resistive load) Protective resistor
Supply Voltage	12 to 30V DC (Non-polarity)
Current Consumption	30mA to 34mA
Features	• Double modulation beam • Wide beam separation • Upper/lower beam switch • Response time adjustment
Ambient Temperature	-35°C to +66°C (-31°F to +151°F)

PB-100AT-KH
100m (330ft) outdoor



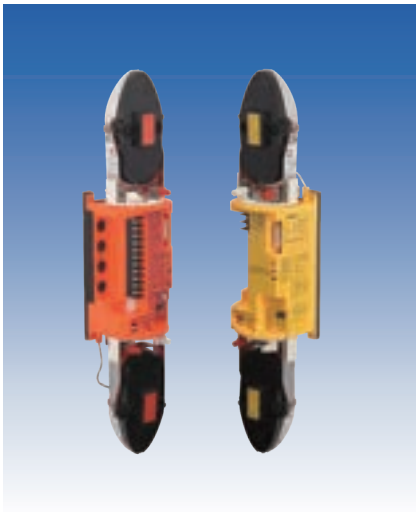
FEATURES

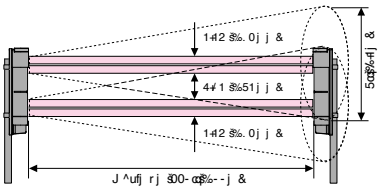
- Specifically designed for use in TA series Tower Enclosures
- Anti-crawl beam for high-security applications
- Independent activation of upper or lower beams
- Double coated electronics for demanding environments
- Supplied with 'Quick fix' mounting brackets for easy adjustment
- 4 selectable beam channels to prevent crosstalk
- Double modulation for unsurpassed light immunity
- Environmental monitoring circuit
- Dynamic auto-gain lock (AGL)
- ±90° horizontal ±10° vertical adjustable sensor heads
- 50,000 lux sunlight immunity

Detection System	Near infrared pulsed beam interruption system (Anti-crawling)
Alarm Output	Dry contact relay output: 1c Reset time: Detection time + delay time (approx. 1.5sec) 30V (AC/DC) 1A Max
Supply Voltage	12 to 30V DC (non-polarity)
Current Consumption	85mA
Features	• Double modulation frequency • Auto-gain lock • Dual response time system
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)

PXB-100ATC-KH

100m (330ft) outdoor





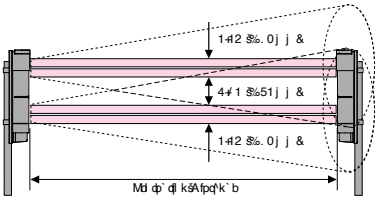
FEATURES

- Specifically designed for use in TA series Tower Enclosures
- Independent control of upper and lower beams
- Double coated electronics for demanding environments
- Synchro-quad and anti-crawl operation
- Dual outputs for crawl attempt and full beam break
- Sync wire allows unlimited stacking without crosstalk
- 4 selectable beam channels to prevent crosstalk
- Increased beam separation minimizes nuisance alarms
- Vivid internal color aids beam alignment procedure
- Double modulation for unsurpassed light immunity
- Lightning and surge protection up to 15kV
- Environmental monitoring circuit
- Dynamic auto-gain lock (AGL)
- ±90° horizontal ±20° vertical adjustable sensor heads
- 50,000 lux sunlight immunity

Detection System	Near infrared pulsed beam interruption system (Anti-crawling)
Alarm Output	Dry contact relay output N.O/N.C. selectable Contact action: Interruption time (Min.2sec.) Contact capacity: 30V (AC/DC) 1A (resistive load) Protective resistor
Supply Voltage	12 to 30V DC (Non-polarity)
Current Consumption	Transmitter: 27mA Receiver: 48mA
Features	• Double modulation beam • Wide beam separation • Upper/lower beam switch • Response time adjustment
Ambient Temperature	-35°C to +66°C (-31°F to +151°F)

TXF-125E-KH

100m (330ft) outdoor



FEATURES

- Specifically designed for use in TA series Tower Enclosures
- 4 x synchronized high power beams
- 4 selectable operation ranges
- 4 selectable beam channels to prevent crosstalk
- Up to 5 year battery life using 2 x LS 33600 (3.6V 17Ah) batteries per unit
- Increased beam separation minimizes nuisance alarms
- Vivid internal color aids beam alignment procedure
- ±90° horizontal ±20° vertical adjustable sensor heads
- Environmental monitoring circuit

Detection System	Near infrared pulsed beam interruption (TR-RE 4 beam simultaneous interruption)
Alarm Output	Dry contact relay output form C Contact capacity: DC 30V 0.1A (resistive load)
Supply Voltage	3.6V DC (SAFT LS33600 recommended)
Features	• Single modulation beam • Upper/lower beam switch • Wide beam separation • Battery saving • Repeat output • Battery sharing
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)

INT-QUADIP

IP module

FEATURES

- IP interface module
- PoE Class 3
- IEEE 802.3af
- VMS compatible
- Supported cameras for direct control include:
  - Axis
  - Bosch
  - Ernitec
  - Hikvision
  - Sony
- Plug & play web browser interface
- No software or installation required
- Designed for PB-IN-HF/HFA, PB-F/FA, PB-IN-100AT, PB-KH & PB-IN-75SW series
- One cable installation

Alarm Output	Over IP + Digital output: N.C. 30V (AC/DC) 100mA Max
Alarm Input	Alarm Tamper Environmental Heater Adaptor
Input supply voltage	Ethernet IEEE 802.3af/at, TCP/IP
Output supply voltage	Power over Ethernet, class 3 (max 13W)
Supported VMS Software	• Axis Camera Companion • Bosch VMS • Embsec Visualiser • Genetec Omnicast • Griffid GMS & GMC • Kentima Ethiris • Milestone Xprotect • Mirasys Carbon VMS • SeeTec Enterprise & Probox
Optional	Heater adaptor (TBA)
External Dimensions - WHD	59 x 67 x 16mm (2.32 x 2.64 x 0.63")
Weight	20g (0.7oz)

TOWER BEAMS

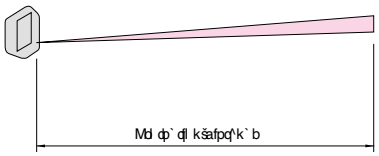
Designed specifically for use in our TA Series Tower Enclosures, supplied with mounting brackets for fast, trouble-free assembly.

INTERFACE MODULE

With the Takex IP interface module, our photoelectric beams are as easy as IP cameras to install and integrate with Video Management Systems.

PR-1B

1m (3.3ft) indoor



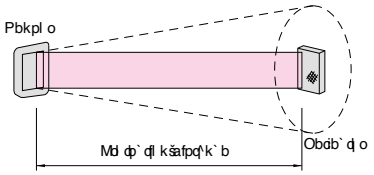
FEATURES

- Motionless objects can be detected
- Direct refl ection system (no refl ector required)
- Cable only to one end: for applications where a beam break is desirable but wiring to both ends is impractical
- Slim and compact size
- Snap off /on terminal cover for easy wiring

Detection System	Near infrared (direct reflection type)
Alarm Output	Dry contact relay output: 1c Reset time: Detection time + delay time (approx. 0.5sec) 30V (AC/DC) 0.5A Max
Supply Voltage	10.5 to 22V DC (non-polarity)
Current Consumption	60mA
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Mounting Position	Indoor
Optional	Flush mount plate, L bracket
External Dimensions - WHD	62 x 106 x 23.5mm (2.44 x 4.17 x 0.93")
Weight	75g (2.6oz)

PR-5B

5m (16.5ft) indoor



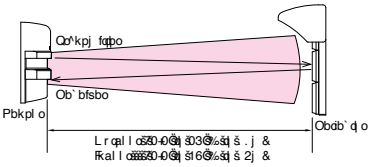
FEATURES

- Reflection type
- Cable only to one end: for applications where a beam break is desirable but wiring to both ends is impractical
- Ideal for short distance protection across entrances and exits, corridors and staircases
- Slim and compact size
- Snap off/on terminal cover for easy wiring

Detection System	Near infrared (reflection type)
Alarm Output	Dry contact relay output: 1c Reset time: Detection time + delay time (approx. 1sec) 30V (AC/DC) 0.5A Max
Supply Voltage	10.5 to 26V DC (non-polarity)
Current Consumption	37mA
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Mounting Position	Indoor
Optional	Flush mount plate, L bracket
External Dimensions - WHD	62 x 106 x 23.5mm (2.44 x 4.17 x 0.93")
Weight - SENS/REFL	90g (3.2oz) / 50g (1.8oz)

PR-11B

11m (36ft) outdoor



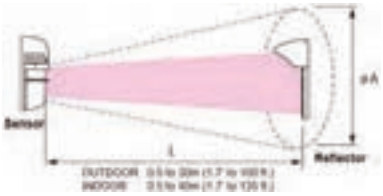
FEATURES

- Reflection type
- Cable only to one end: for applications where a beam break is desirable but wiring to both ends is impractical
- Suitable for both indoor and outdoor use
- Monitor jack output
- Frost-proof cover
- ±90° horizontal ±10° vertical adjustable sensor head
- 50,000 lux sunlight immunity
- IP55 housing

Detection System	Near infrared (reflection type)
Alarm Output	Dry contact relay output: N/O or N/C selectable 30V (AC/DC) 0.5A Max
Supply Voltage	10.5 to 30V DC (non-polarity)
Current Consumption	55mA
Features	• Tamper output • Monitor jack output
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)
Mounting Position	Outdoor/ Indoor
External Dimensions - WHD	73 x 170 x 71.5mm (2.87 x 6.69 x 2.81")
Weight - SENS/REFL	430g (15oz) / 490g (17oz)

PR-30BE

30m (100ft) outdoor



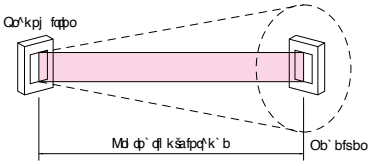
FEATURES

- Reflection type
- Cable only to one end: for applications where a beam break is desirable but wiring to both ends is impractical
- Suitable for both indoor and outdoor use
- Monitor jack output
- Frost-proof cover
- ±90° horizontal ±10° vertical adjustable sensor head
- 50,000 lux sunlight immunity
- IP55 housing

Detection System	Near infrared (reflection type)
Alarm Output	Dry contact relay output: N/O or N/C selectable 30V (AC/DC) 0.5A Max
Supply Voltage	10.5 to 30V DC (non-polarity)
Current Consumption	55mA
Features	• Tamper output • Monitor jack output
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)
Mounting Position	Outdoor/ Indoor
External Dimensions - WHD	73 x 170 x 71.5mm (2.87 x 6.69 x 2.81")
Weight - SENS/REFL	430g (15oz) / 490g (17oz)

PB-30SU

30m (100ft) outdoor



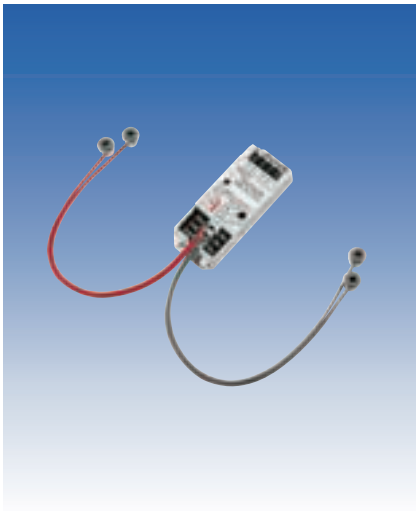
FEATURES

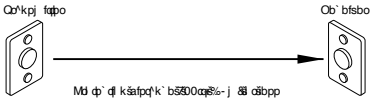
- Flush mount into wall surface
- Selectable beam power according to protection distance
- 7mm (.28") profile for unobtrusive protection

Detection System	Near infrared (reflection type)
Alarm Output	Dry contact relay output: N/O or N/C selectable 30V (AC/DC) 0.5A Max
Supply Voltage	10.5 to 30V DC (non-polarity)
Current Consumption	55mA
Features	• Tamper output • Monitor jack output
Ambient Temperature	-25°C to +60°C (-13°F to +140°F)
Mounting Position	Outdoor/ Indoor
External Dimensions - WHD	73 x 170 x 71.5mm (2.87 x 6.69 x 2.81")
Weight - SENS/REFL	430g (15oz) / 490g (17oz)

PB-10NS / PB-10TNS

PB-10NS	PB-10TNS
Single Beam	Twin Beams





FEATURES

- 33ft. (10m) or less
- Miniaturized control box
- Sensor cord can be cut to length as required
- Supplied with flush mounting plates for sensor heads
- Ideal for discreet/covert/prestige applications
- Built-in sensitivity adjustment

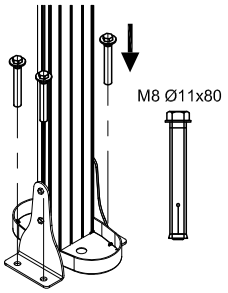
*CE certification only for PB-10NS, not PB-10TNS

Detection System	Near infrared (through type)
Alarm Output	Dry contact relay output: N/O or N/C selectable Reset time: Detection time + delay time (approx. 1sec.) 30V (AC/DC) 0.3A Max
Supply Voltage	10 to 30V DC (non-polarity)
Current Consumption	45mA or less
Ambient temperature	-25°C to +55°C (-13°F to +131°F)
Mounting Position	Indoor or semi-outdoor
External Dimensions - WHD	SENS: 15 dia. x 16mm (0.59 dia. x 0.63") AMP: 45 x 120 x 29mm (1.77 x 4.72 x 1.14")
Weight - SENS/AMP	120g (4.2oz) inc. cable / 95g (3.3oz)

BEAM TOWERS

For additional security, or to disguise the mounting height and number of beams from observers, our TA Series Beam Towers comprise of attractive but rugged Wall or Floor-mount units, with Single and Double-Sided variants.

TAD100	TAD150	TAD200	TAD300
1m (3.3ft)	1.5m (5ft)	2m (6.6ft)	3m (10ft)

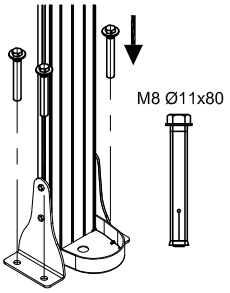


FEATURES

- Double sided floor mount beam tower enclosure
- 360 degree field of view
- Compatible with PB-KH beams
- Disguises mounting height/position of beams
- Anodized aluminum column
- Tamper protected lid to prevent unauthorized interference
- Vandal resistant polycarbonate covers

Protection Range	360°
Mounting	Standalone, Floor Mounted
Exterior	Vandal / UV resistant Polycarbonate
Interior	Oxidized Aluminum
Designed for	• PXB-50/100/200HF-KH • PB-50/100/200HF-KH • PXB-100ATC-KH • PB-100AT-KH • TXF-125E-KH
Compatible with	• PXB-50/100/200HF • PB-IN-50/100/200HF • PXB-50/100/200F • PB-50/100/200FA • PXB-100ATC • PB-IN-100AT • PB-20/40/60TE • PB-30/60/100TK
Included Accessories	Tamper Switch Side Brackets Mounting Kit
IP Rating	54

TAS100	TAS150	TAS200	TAS300
1m (3.3ft)	1.5m (5ft)	2m (6.6ft)	3m (10ft)

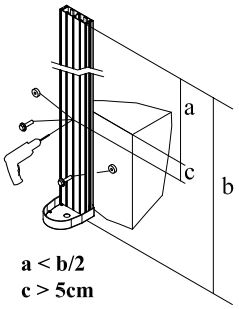


FEATURES

- Single sided floor mount beam tower enclosure
- 180 degree field of view
- Compatible with PB-KH beams
- Disguises mounting height/position of beams
- Anodized aluminum column
- Tamper protected lid to prevent unauthorized interference
- Vandal resistant polycarbonate covers

Protection Range	180°
Mounting	Standalone, Floor Mounted
Exterior	Vandal / UV resistant Polycarbonate
Interior	Oxidized Aluminum
Designed for	• PXB-50/100/200HF-KH • PB-50/100/200HF-KH • PXB-100ATC-KH • PB-100AT-KH • TXF-125E-KH
Compatible with	• PXB-50/100/200HF • PB-IN-50/100/200HF • PXB-50/100/200F • PB-50/100/200FA • PXB-100ATC • PB-IN-100AT • PB-20/40/60TE • PB-30/60/100TK
Included Accessories	Tamper Switch Side Brackets Mounting Kit
IP Rating	54

TAW100	TAW150	TAW200	TAW300
1m (3.3ft)	1.5m (5ft)	2m (6.6ft)	3m (10ft)



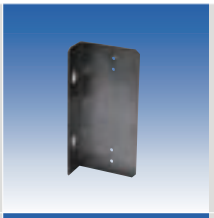
FEATURES

- Single sided wall mount beam tower enclosure
- 180 degree field of view
- Compatible with PB-KH beams
- Disguises mounting height/position of beams
- Anodized aluminum column
- Tamper protected lid to prevent unauthorized interference
- Vandal resistant polycarbonate covers

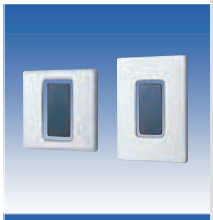
Protection Range	180°
Mounting	Standalone, Floor Mounted
Exterior	Vandal / UV resistant Polycarbonate
Interior	Oxidized Aluminum
Designed for	• PXB-50/100/200HF-KH • PB-50/100/200HF-KH • PXB-100ATC-KH • PB-100AT-KH • TXF-125E-KH
Compatible with	• PXB-50/100/200HF • PB-IN-50/100/200HF • PXB-50/100/200F • PB-50/100/200FA • PXB-100ATC • PB-IN-100AT • PB-20/40/60TE • PB-30/60/100TK
Included Accessories	Tamper Switch Side Brackets Mounting Kit
IP Rating	54

LS 33600
3.6V 17Ah battery
For:
- TXF-125E
- TXF-125DM

BL-5
BL-10
L fittings
For:
- PR-1B/5B (BL-5)
- PR-10B (BL-10)



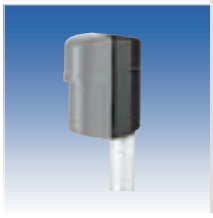
BL-11
L fitting
For:
- PR-11BE



BP-5B
BP-5D
Flush mount plate
For:
- PR-1B (BP-5B)
- PR-5B (BP-5D)

BP-5C
Flush mount plate (reflector)
For:
- PR-5B
- PB-4RNS/RTNS

BP-60A
Pole attachment
For:
- PB-20/40/60TE
- PB-30/60/100TK

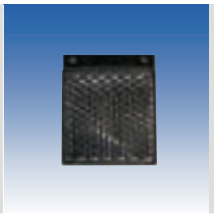


BP-60TE
Pole cover
For:
- PB-20/40/60TE
- PB-30/60/100TK

BP-200F
Pole cover
For:
- PB-IN-50/100/200HF
- PB-50/100/200FA
- PB-IN-100AT
- PB-IN-75SW

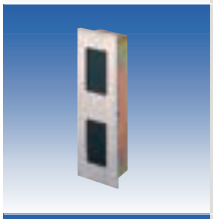
BP-200X
Pole cover
For:
- PXB-50/100/200HF
- PXB-50/100/200F
- TXF-125E
- PXB-100ATC
- PXB-100SW

BR-5
BR-10
Reflector
For:
- PR-5B (BR-5)
- PB-4RNS/RTNS (BR-5B)
- PR-10B/BU (BR-10)



REFLECTOR
For:
- PR-11B
- PR-30B

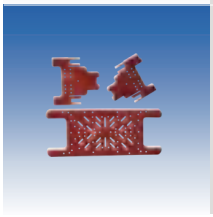
REFLECTOR KIT
For:
- PR-11B
- PR-30B



BU-50F
Flush mount housing
For:
- PB-IN-50/100/200HF
- PB-50/100/200FA
- PB-IN-100AT
- PB-IN-75SW

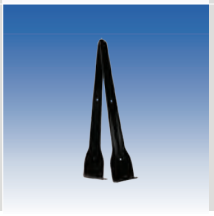
ER-02
Wireless alignment checker
For:
- PXB-50/100/200HF & KH
- PXB-50/100/200F & KH
- TXF-125E & KH
- PXB-100ATC & KH
- PXB-100SW

BP-32
Pole attachment
For:
- OMS-12FE
- TX-114TR/FR



TA-KH
Beam mounting brackets
For:
- PB-50/100/200HF-KH
- PB-100AT-KH

TA-SB
Side brackets
For:
- TAD-100/150/200
- TAS-100/150/200

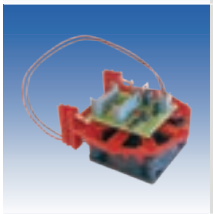


TA-3SB
0.7m Side brackets
For:
- TAD-300
- TAS-300

PTS
Low Temp Thermostat
(Activates TWH24V heater at 1.1°C/34°F)
For:
- TAD series
- TAS series
- TAW series

PTS50
High Temp Thermostat
(Activates FAN at 50°C/122°F)
For:
- TAD series
- TAS series
- TAW series

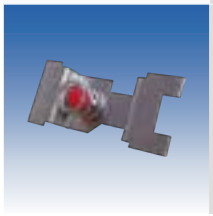
TWH24V
12/24VDC Heater (250mA)
For:
- TAD series
- TAS series
- TAW series



FAN
12VDC (150mA)
24VDC (250mA)
For:
- TAD series
- TAS series
- TAW series

TAFB
First-fix bolt set
For:
- TAD series
- TAS series

TADTOP
TASTOP
Replacement top/bottom cap
For:
- TAD series (TADTOP)
- TAS/TAW series (TASTOP)



TAPS
Anti-climb tamper switch
For:
- TAD series
- TAS series
- TAW series

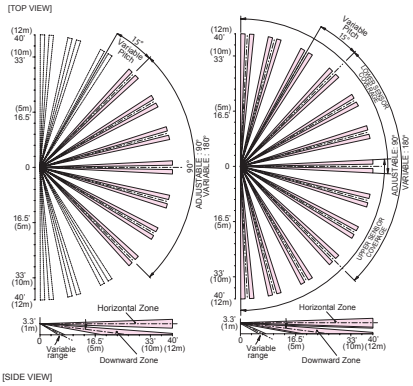
GUY WIRES
Guy wires to be used in areas with extreme conditions and strong winds
For:
- TAD series
- TAS series

TAPX1/1.5/2/3
Polycarbonate cover
For:
- TAD series
- TAS series
- TAW series

DUAL-ZONE PIR

Takex 'Dual-Zone' PIR's, combine a horizontal curtain with a downward curtain, both of which need to be activated simultaneously for an alarm. With up to 180° x 12m range these sensors are perfect for use in both domestic and industrial applications

MS-12TE	MS-12FE
12m (40ft) x 90°	12m (40ft) x 180°



FEATURES

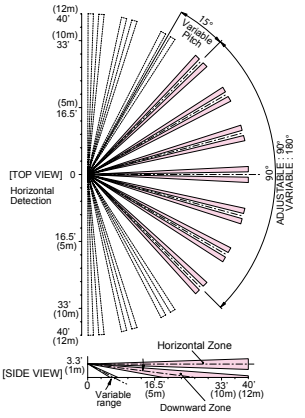
- Dual-zone detection system
- 2 to 12m (6.6 to 40ft) coverage
- Rotating sensor heads (±90° horizontal adjustment)
- Selectable NO/NC relay output with 2sec-5min timer
- AND/OR detection modes (MS-12FE only)
- IP54 housing

Model	MS-12TE	MS-12FE
Detection System	Passive infrared	
	Twin	Twin x 2
Alarm Output	Dry contact relay output: N/C or N/O selectable 30V (AC/DC) 0.5A Max Reset time: approx 2sec. ~ 5min.	
Supply Voltage	12 to 30V DC (non-polarity)	
Current Consumption	35mA	40mA
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)	
Mounting Position	Indoor or Outdoor	
External Dimensions - WHD	80 x 234 x 91mm (3.15 x 9.22 x 3.58")	
IP Rating	54	
Weight	390g (13.8oz)	470g (16.6oz)

BATTERY PIR

These battery powered sensors offer the same levels of protection as our MS-12 family, designed for compatibility with leading wireless systems.

TX-114SR
12m (40ft) x 90°

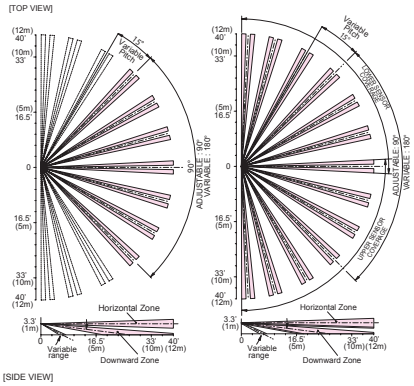


FEATURES

- Powered by 3V to 9VDC alkaline or lithium battery
- Dual-zone detection system
- 2 to 12m (6.6 to 40ft) coverage
- Rotating sensor head (±90° horizontal adjustment)
- Compatible with numerous wireless transmitter units
- IP54 housing

Detection System	Passive infrared: Twin
Operation	10VDC - 0.01A Max • Alarm output (Blue wires) • Tamper output (Green wires) • Trouble output
Supply Power	3V to 9V DC Alkaline or Lithium Battery
Current Consumption	25µA
	5mA/3V (Test mode)
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
External Dimensions - WHD	80 x 234 x 88mm (3.15 x 9.21 x 3.46")
IP Rating	54
Weight	400g (14.1oz)

TX-114TR	TX-114FR
12m (40ft) x 90°	12m (40ft) x 180°



FEATURES

- Powered by 3V to 9VDC alkaline or lithium battery
- Dual-zone detection system
- 2 to 12m (6.6 to 40ft) coverage
- Rotating sensor heads (±90° horizontal adjustment)
- Compatible with numerous wireless transmitter units
- Back-box with 3-stage tamper: front, mid, and back
- IP54 housing

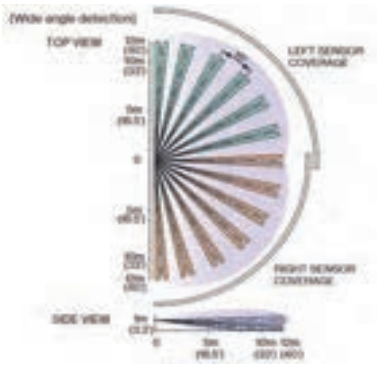
Model	TX-114TR	TX-114FR
Detection System	Passive infrared	
Operation	10VDC - 0.01A Max • Alarm output • Tamper output • Trouble output	
Supply Power	3V to 9V DC Alkaline or Lithium Battery	
Current Consumption	25µA	35µA
	5mA/3V (Test mode)	
Ambient Temperature	-4°F to +122°F (-20°C to +50°C)	
External Dimensions - WHD	91 x 245 x 116.5mm (3.58 x 9.65 x 4.59")	
IP Rating	54	
Weight	560g (19.8oz)	620g (21.9oz)

DUAL-ZONE PIR/MICROWAVE

MX-12 series includes a sophisticated anti-masking system designed to expose any attempt to defeat the sensor by obstruction.

MX-12FAMD

12m (40ft) x 180°



FEATURES

- Dual-zone detection system
- 2 to 12m (6.6 to 40ft) coverage
- Anti-masking technology with near-lens awareness
- Dual alarm signal outputs
- Stowable area masks
- IP55 housing

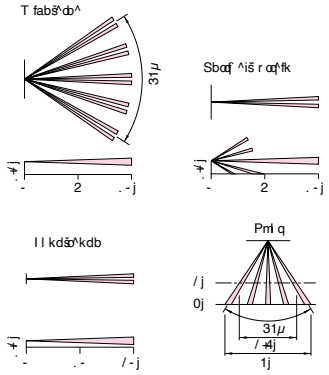
Detection System	Passive infrared (Twin)
Alarm Output	Dry contact relay output: N/C or N/O selectable Reset time: approx 2sec. 30V (AC/DC) 0.5A Max
Supply Voltage	10.5 to 28V DC (non-polarity)
Current Consumption	30mA
Detection Area	Wide angle: 10m (33ft) Vertical curtain: 10m (33ft) Long range: 20m (66ft) Spot: 3m (10ft)
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Mounting Position	Wall, Ceiling,Pole, Metal plate (Indoor, Outdoor)
Optional	Pole cover, Pole attachment, Wall mount bracket, Wall / Ceiling attachment, Magnetic sheet.
External Dimensions - WHD	77 x 171 x 70mm (3.03 x 6.73 x 2.76")
IP Rating	43

MULTI-PATTERN PIR

Designed for outdoor and indoor use, the MS-100E offers the choice of wide angle, vertical and horizontal curtain, or long range detection from within a single discreet housing.

MS-100E

10m (33ft) wide / 10m (33ft) curtain / 20m (66ft) long



FEATURES

- Supplied with Wide Angle and Long Range lenses
- Choose from 4 detection patterns
- Can be mounted horizontally or vertically
- Sensor head rotates a full 180 degrees
- Weather resistant for indoor or outdoor use

Detection System	Passive infrared (Twin)
Alarm Output	Dry contact relay output: N/C or N/O selectable Reset time: approx 2sec. 30V (AC/DC) 0.5A Max
Supply Voltage	10.5 to 28V DC (non-polarity)
Current Consumption	30mA
Detection Area	Wide angle: 10m (33ft) Vertical curtain: 10m (33ft) Long range: 20m (66ft) Spot: 3m (10ft)
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Mounting Position	Wall, Ceiling,Pole, Metal plate (Indoor, Outdoor)
Optional	Pole cover, Pole attachment, Wall mount bracket, Wall / Ceiling attachment, Magnetic sheet.
External Dimensions - WHD	77 x 171 x 70mm (3.03 x 6.73 x 2.76")
IP Rating	43
Weight	220g (7.8oz)

MEDIUM RANGE PIR

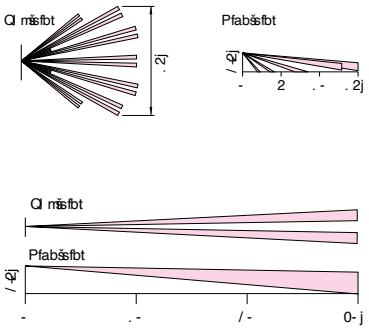
For internal and external applications and featuringa unique bracket arrangement that allows for wall or ceiling mounting, orientated in any direction.

PA-15WE

15m (50ft) wide angle

PA-30NE

30m (100ft) long range



FEATURES

- Omni-directional bracket
- Can be mounted to ceiling, wall or pole
- Easy angle adjustment
- Weather resistant for indoor or outdoor use

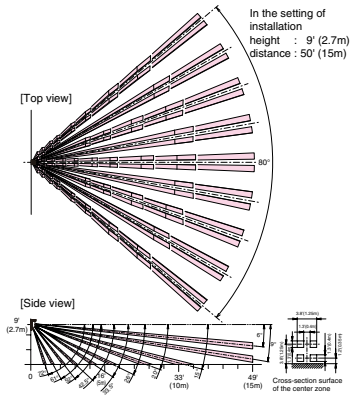
Detection System	Passive infrared (Twin)
Alarm Output	Dry contact relay output: 1c Reset time: approx 2sec. 30V (AC/DC) 0.5A Max
Supply Voltage	10.5 to 30V DC (non-polarity)
Current Consumption	25mA
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Mounting Position	Indoor or Outdoor
Optional	Pole attachment, Vice attachment
External Dimensions	211 dia. x 72mm (8.30 dia. x 2.83")
IP Rating	43
Weight	500g (17.6oz)

HIGH PERFORMANCE PIR

Using the highest quality mirror-optics, these detectors have been designed for the most demanding environments where quality and reliability matter.

PIR-T15AM

15m (49ft) x 80°



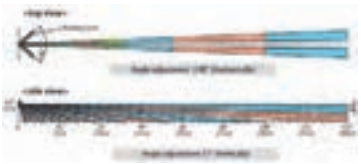
FEATURES

- Anti-masking function
- 4 operation modes:
  Low Position, High Position, Pet Mode, High Density
- 2 to 6m (6.6 to 20ft) installation height
- High performance triple mirror optical system
- Precise LED detection area adjustment function
- Lightning surge protection
- IP55 housing

Detection System	Passive infrared (Triple mirror)
Alarm Output	Dry contact (semi-conductor) output N.C./N.O. 24V (AC/DC) 0.25A (resistive load)
Supply Voltage	9 to 28V DC (non-polarity)
Current Consumption	Max. 50mA
Features	• External output • Sensitivity selection • Operation mode selection (4) • 2m to 6m Installation height • Lightning Protection • Pet immunity • Back tamper • Anti-masking
Ambient Temperature	-25°C to +55°C (-13°F to +131°F)
Mounting Position	Indoor or Outdoor wall
IP Rating	55
Weight	600g (21.2oz)

PIR-T40NAM

40m (150ft)



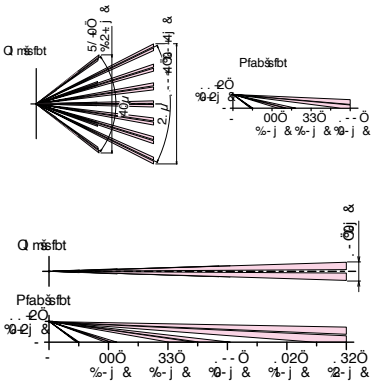
FEATURES

- Anti-masking function
- 4 operation modes:
  Low Position, High Position, Pet Mode, High Density
- 2 to 6m (6.6 to 20ft) installation height
- High performance triple mirror optical system
- Precise LED detection area adjustment function
- Lightning surge protection
- IP55 housing

Detection System	Passive infrared (Triple mirror)
Alarm Output	Dry contact (semi-conductor) output N.C./N.O. 24V (AC/DC) 0.25A (resistive load)
Supply Voltage	9 to 28V DC (non-polarity)
Current Consumption	Max. 50mA
Features	• External output • Sensitivity selection • Operation mode selection (4) • 2m to 6m Installation height • Lightning Protection • Pet immunity • Back tamper • Anti-masking
Ambient Temperature	-25°C to +55°C (-13°F to +131°F)
Mounting Position	Indoor or Outdoor wall
IP Rating	55
Weight	600g (21.2oz)

PIR-30WE / PIR-50NE

30m (100ft) wide angle / 50m (165ft) vertical curtain



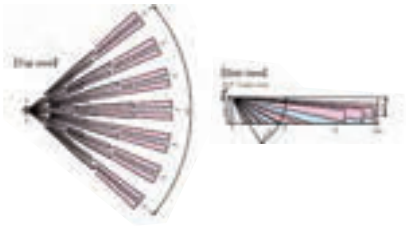
FEATURES

- High quality mirrored optics coupled with twin pyros
- Installation height 2 to 3.5m (6.6 to 11.5ft)
- Durable weatherproof AES resin housing
- Sensitivity adjustment from 30% to 170%
- Protective hood to deflect rain/sunlight and guard against wildlife

Detection System	Passive infrared
Alarm Output	Dry contact (semi-conductor) output: N.C./N.O. 24V (AC/DC) 0.25A (resistive load)
Supply Voltage	9 to 30V DC (non-polarity)
Current Consumption	30mA
Features	• Low supply voltage alarm • Tamper signal • LED control (L/C) • Alarm LED (ON/OFF) • Sensitivity adjust: 30-170%
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Mounting Position	Indoor or outdoor Wall
Optional	Water-proof grommet, Tapping screw
External Dimensions	184.5 dia. x 136mm (7.26 dia. x 5.36")
IP Rating	55
Weight	1.6kg (3.5lb)

PA-6614E

12m (40ft) wide angle



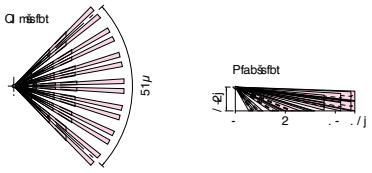
FEATURES

- Up to 6m (20ft) installation height
- Ceiling mount design
- Unique twin mirror and two twin pyro optic system
- Accurately detects human intrusion whilst rejecting nuisance alarms from small animals
- Geared mirror array for precise area definition
- Detachable base unit with snap-in/out sensor design
- Photo MOSFET relay for silent operation
- High RFI and EMI immunity

	Passive infrared (Twin x 2)
Alarm Output	Dry contact (semi-conductor) relay output N/O or N/C selectable Reset time: 2sec. 24V (AC/DC) 0.25A Max
Supply Voltage	10.5V to 28V DC (non-polarity)
Current Consumption	25mA
Features	• Pulse count • LED control
Ambient Temperature	-15°C to +55°C (+5°F to +131°F)
Mounting Position	Ceiling, Wall (Indoor)
Optional	Ceiling / wall mount attachment
External Dimensions	120 dia. x 55mm (4.72 dia. x 2.16")
Weight	135g (4.8oz)

PA-6612E

12m (40ft) wide angle



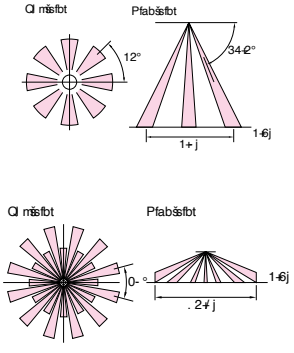
FEATURES

- Up to 4m (13ft) installation height
- Ceiling mount design
- Unique twin mirror and two twin pyro optic system
- Accurately detects human intrusion whilst rejecting nuisance alarms from small animals
- Geared mirror array for precise area definition
- Detachable base unit with snap-in/out sensor design
- Photo MOSFET relay for silent operation
- High RFI and EMI immunity

	Passive infrared (Twin x 2)
Alarm Output	Dry contact (semi-conductor) relay output N/O or N/C selectable Reset time: 2sec. 24V (AC/DC) 0.25A Max
Supply Voltage	10.5V to 28V DC (non-polarity)
Current Consumption	25mA
Features	• Pulse count • LED control
Ambient Temperature	-15°C to +55°C (+5°F to +131°F)
Mounting Position	Ceiling, Wall (Indoor)
Optional	Ceiling / wall mount attachment
External Dimensions	120 dia. x 55mm (4.72 dia. x 2.16")
Weight	135g (4.8oz)

PA-6805E | PA-6810E

4m (13ft) spot | 15m (50ft) x 360°



FEATURES

- 2 to 4.9m (6.6 to 16ft) installation height
- Ceiling mount design
- Detachable base unit with snap-in/out sensor design
- Slim and compact 47mm (1.85") profile

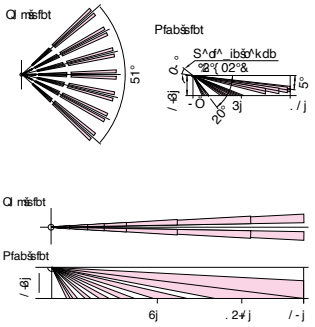
Detection System	Passive infrared (Twin)
Alarm Output	Dry contact (Semi-conductor) output: N/C or N/O selectable Reset time: approx. 2sec. 24V (AC/DC) 0.25A Max
Supply Voltage	10.5 to 28V DC (non-polarity)
Current Consumption	25mA: N/C
Features	• Alarm LED control • Pulse count
Ambient Temperature	-15°C to +55°C (+5°F to +131°F)
Mounting Position	Ceiling, Wall lindoor)
Optional	Ceiling / wall mount attachment
External Dimensions	120 dia. x 45mm (4.72 dia. x 1.85")
Weight	110g (3.9oz)

CEILING MOUNT PIR

Whether you need simple 'spot' detection, 360° protection, curtain or wide angle coverage, Takex offer a comprehensive range of ceiling mount detectors for both domestic and industrial applications.

PA-6812E

12m (40ft) wide angle



FEATURES

- 2 to 4.9m (6.6 to 16ft) installation height
- Ceiling mount design
- Geared mirror array for precise area definition
- Detachable base unit with snap-in/out sensor design
- Slim and compact 47mm (1.85") profile

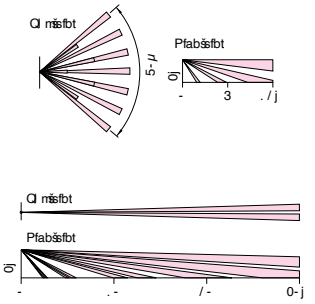
PA-6820E

20m (66ft) vertical curtain

Detection System	Passive infrared (Twin)
Alarm Output	Dry contact (Semi-conductor) output: N/C or N/O selectable Reset time: approx. 2sec. 24V (AC/DC) 0.25A Max
Supply Voltage	10.5 to 28V DC (non-polarity)
Current Consumption	25mA: N/C
Features	• Alarm LED control • Pulse count (PA-6812E only)
Ambient Temperature	-15°C to +55°C (+5°F to +131°F)
Mounting Position	Ceiling, Wall (Indoor)
Optional	Ceiling / wall mount attachment
External Dimensions	120 dia. x 45mm (4.72 dia. x 1.85")
Weight	110g (3.9oz)

PA-7012E

12m (40ft) wide angle



FEATURES

- Dual element digital-quad sensor
- Ceiling mount design
- Original CPU architecture controls all functions including signal processing calculations
- Automatic sensitivity adjustment relative to ambient temperature
- Alarm memory function
- High RFI and EMI immunity
- Convenient twist-lock base for easy installation

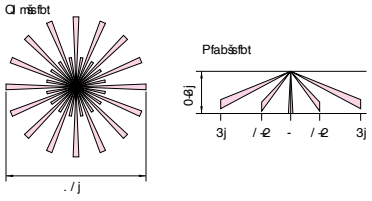
PA-7030E

30m (100ft) vertical curtain

Detection System	Passive infrared (Quad)
Alarm Output	Dry contact relay output: 1c Reset time: approx. 2sec. 30V (AC/DC) 0.1A Max
Supply Voltage	9 to 18V DC (non-polarity)
Current Consumption	30mA
Features	• Alarm memory
Ambient Temperature	-10°C to +50°C (+14°F to +122°F)
Mounting Position	Ceiling, Wall (Indoor)
Optional	Flush mount attachment
External Dimensions	144 dia. x 92mm (5.67 dia. x 3.62")
Weight	330g (11.6oz)

PA-7100E

12m (40ft) x 360°



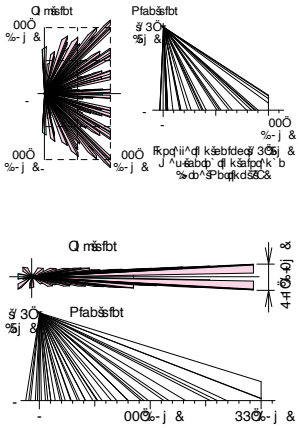
FEATURES

- Two dual element digital-quad sensors
- Ceiling mount design
- Original CPU architecture controls all functions including signal processing calculations
- Automatic sensitivity adjustment relative to ambient temperature
- Alarm memory function
- High RFI and EMI immunity
- Convenient twist-lock base for easy installation

Detection System	Passive infrared (Quad x 2)
Alarm Output	Dry contact relay output: 1c Reset time: approx. 2sec. 30V (AC/DC) 0.1A Max
Supply Voltage	9 to 18V DC (non-polarity)
Current Consumption	30mA
Features	• Manual memory
Ambient Temperature	-10°C to +50°C (+14°F to +122°F)
Mounting Position	Ceiling (Indoor)
Optional	Flush mount attachment
External Dimensions	144 dia. x 92mm (5.67 dia. x 3.62")
Weight	330g (11.6oz)

PA-8410E / PA-8420E

10m (33ft) wide angle | 20m (66ft) vertical curtain



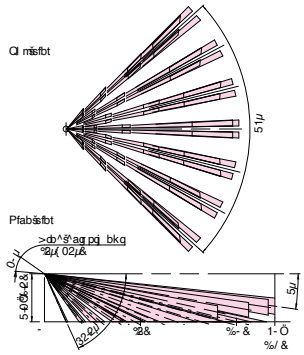
FEATURES

- 4 to 8m (13 to 26ft) installation height
- Ceiling mount design
- High-density detection area
- Mirror optics
- Durable weatherproof AES resin housing
- Photo MOSFET relay for silent operation

Detection System	Passive infrared
Alarm Output	Dry contact (semi-conductor) output: N.C./N.O. 24V (AC/DC) 0.25A (resistive load)
Supply Voltage	9 to 30V DC (non-polarity)
Current Consumption	30mA
Features	• Trouble alarm • Low supply voltage alarm • Tamper output • LED control • Area control • Alarm LED (ON/OFF) • Sensitivity adjust
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Mounting Position	Indoor or Outdoor Ceiling
Optional	Water-proof grommet, Tapping screw
External Dimensions	184.5 dia. x 136mm (7.26 dia. x 5.36")
IP Rating	55
Weight	950g (33.5oz)

PA-6412PI

12m (40ft) wide angle



FEATURES

- 18kg (39.7lb) pet immunity
- Ceiling mount design
- Multiple zone technology
- Mirror optics
- Detachable base unit with snap-in/out sensor design
- Insect protection
- Photo MOSFET relay for silent operation

Detection System	Passive infrared (Twin)
Alarm Output	Dry contact (Semi-conductor) relay output: N/C or N/O selectable Reset time: approx. 2sec. 24V (AC/DC) 0.25A Max
Supply Voltage	10 to 18VDC (non-polarity)
Current Consumption	25mA
Features	• Pulse count • LED disable switch • Low voltage alarm
Ambient Temperature	-15°C to +55°C (+5°F to +131°F)
Mounting Position	Indoor Ceiling
Optional	Ceiling / wall mount attachment
External Dimensions	147 dia. x 60mm (5.79 dia. x 2.36")
Weight	160g (5.6oz)

BP-150A

Anti-Masking Base Plate

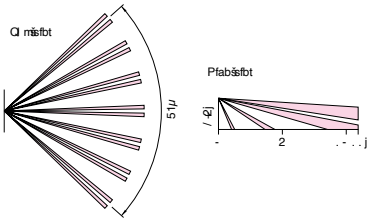
FEATURES

- Sensor base incorporating "Anti-Masking" capability
- Works with Ceiling Mount PIR sensors: PA-6612E, PA-6812E & PA-6820E
- Works with flame sensor FS-2000E

Detection System	Passive infrared (Twin)
Alarm Output	Dry contact (Semi-conductor) relay output: N/C or N/O selectable Reset time: approx. 2sec. 24V (AC/DC) 0.25A Max
Supply Voltage	10 to 18VDC (non-polarity)
Current Consumption	25mA
Features	• Pulse count • LED disable switch • Low voltage alarm
Ambient Temperature	-15°C to +55°C (+5°F to +131°F)
Mounting Position	Indoor Ceiling
Optional	Ceiling / wall mount attachment

PA-450EA

11m (36ft) wide angle



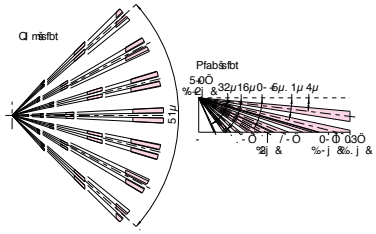
FEATURES

- Wall mount design
- Adjustable coverage to suit different mounting heights
- Creep zone eliminates dead-space below sensor
- Equipped with tamper and auto-reset memory
- Mode selector for easy setting adjustment
- High RFI and EMI immunity
- Photo MOSFET relay for silent operation

Detection System	Passive infrared (Twin)
Alarm Output	Dry contact (semi-conductor) relay output: N/O or N/C selectable Reset time: 2sec. 24V (AC/DC) 0.25A Max
Supply Voltage	9 to 18V DC (non-polarity)
Current Consumption	25mA
Features	• Pulse count • LED disable switch • Low voltage alarm • Auto reset memory
Ambient Temperature	-15°C to +55°C (+5°F to +131°F)
Mounting Position	Wall, Wall corner (Indoor)
Optional	Ceiling / wall mount attachment
External Dimensions - WHD	70 x 110 x 45mm (2.76 x 4.33 x 1.77")
Weight	120g (4.2oz)

PA-450PIA

11m (36ft) wide angle



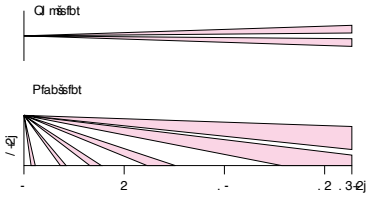
FEATURES

- 20kg (44.1lb) pet immunity
- Wall mount design
- Adjustable coverage to suit different mounting heights
- Equipped with tamper and auto-reset memory
- Mode selector for easy setting adjustment
- High RFI and EMI immunity
- Photo MOSFET relay for silent operation

Detection System	Passive infrared (Twin)
Alarm Output	Dry contact (semi-conductor) relay output: N/O or N/C selectable Reset time: 2sec. 24V (AC/DC) 0.25A Max
Supply Voltage	9 to 18V DC (non-polarity)
Current Consumption	25mA
Features	• Pulse count • LED disable switch • Low voltage alarm • Auto reset memory
Ambient Temperature	-15°C to +55°C (+5°F to +131°F)
Mounting Position	Wall, Wall Corner (Indoor)
Optional	Ceiling / wall mount attachment
External Dimensions - WHD	70 x 110 x 45mm (2.76 x 4.33 x 1.77")
Weight	120g (4.2oz)

PA-460EA

16.5m (54ft) vertical curtain



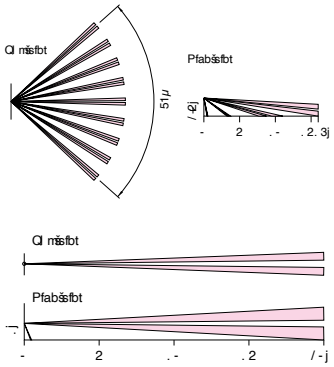
FEATURES

- Wall mount design
- Adjustable coverage to suit different mounting heights
- Creep zone eliminates dead-space below sensor
- Equipped with tamper and auto-reset memory
- Photo MOSFET relay for silent operation

Detection System	Passive infrared (Twin)
Alarm Output	Dry contact (semi-conductor) relay output: N/O or N/C selectable Reset time: 2sec. 24V (AC/DC) 0.25A Max
Supply Voltage	10 to 18V DC (non-polarity)
Current Consumption	25mA
Features	• LED disable switch • Low voltage alarm • Auto reset memory
Ambient Temperature	-15°C to +55°C (+5°F to +131°F)
Mounting Position	Wall, Wall Corner (Indoor)
Optional	Ceiling / wall mount attachment
External Dimensions - WHD	70 x 110 x 45mm (2.76 x 4.33 x 1.77")
Weight	120g (4.2oz)

PA-470L

16m (52ft) wide angle / 20m (66ft) vertical curtain



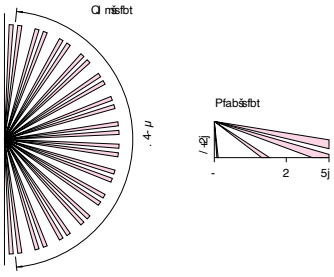
FEATURES

- Wall mount design
- Quad element with fuzzy logic processing system
- Pattern selectable with interchangeable lenses
- Low voltage trouble output
- Alarm memory function

Detection System	Passive infrared (Quad)
Alarm Output	Dry contact relay output: N/C or N/O (changeover on switch) Reset time: approx. 2sec. 30V (AC/DC) 0.25A Max
Supply Voltage	9 to 18V DC (non-polarity)
Current Consumption	28mA
Features	• Memory control • LED control • Low voltage
Ambient Temperature	-10°C to +50°C (+14°F to +122°F)
Mounting Position	Wall, Wall Corner (Indoor)
Optional	Ceiling, wall mount attachment
External Dimensions - WHD	90 x 127 x 62.5mm (3.54 x 5.00 x 2.46")
Weight	165g (5.8oz)

PA-480S

8m (26ft) x 180°



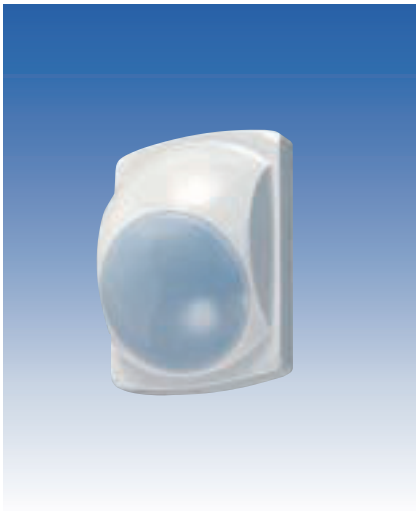
FEATURES

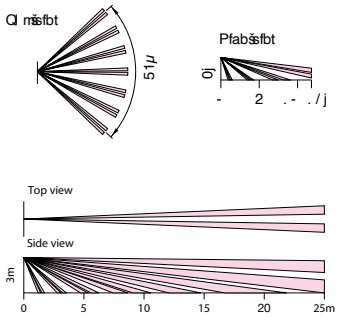
- Wall mount design
- Twin element with pulse count
- Low voltage trouble output
- Alarm memory function

Detection System	Passive infrared (Twin)
Alarm Output	Dry contact relay output: N/C Reset time: approx. 2sec. 30V (AC/DC) 0.1AMax
Supply Voltage	9 to 18V DC (non-polarity)
Current Consumption	32mA
Features	• Low voltage alarm • Area adjustment (downward 5 positions)
Ambient Temperature	-10°C to +50°C (+14°F to +122°F)
Mounting Position	Wall, Wall Corner (Indoor)
Optional	Ceiling / wall mount attachment
External Dimensions - WHD	90 x 127 x 62.5mm (3.54 x 5.00 x 2.46")
Weight	165g (5.8oz)

PA-4810E | PA-4820E

12m (40ft) wide angle | 25m (82ft) vertical curtain



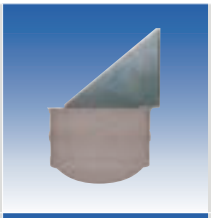


FEATURES

- Wall mount design
- Quad element with fuzzy logic processing system
- Mirror optics
- Slight motion detection with selectable twin/quad sensing
- Low voltage trouble output
- Alarm memory function

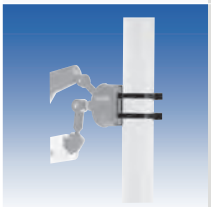
Detection System	Passive infrared (Quad)
Alarm Output	Dry contact relay output: N/C or N/O (changeover on switch) Reset time: approx. 2sec. 30V (AC/DC) 0.25A Max
Supply Voltage	10 to 30V DC (non-polarity)
Current Consumption	32mA
Features	• Slight motion detection • Memory control LED control • Trouble alarm
Ambient Temperature	-10°C to +50°C (+14°F to +122°F)
Mounting Position	Wall, Wall Corner (Indoor)
Optional	Ceiling / wall mount attachment
External Dimensions - WHD	90 x 127 x 60mm (3.54 x 5.00 x 2.36")
Weight	165g (5.8oz)

BCW-401
Wall/ceiling attachment
For:
- PA-450EA/PA-460EA
- PA-470L/480S
- PA-6612E
- PA-6805/6810/6812/6820E

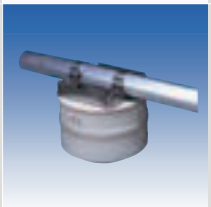


BL-8400
Wall mount attachment
For:
- PIR-30WE/50NE
- PA-8410E/8420E

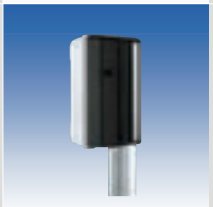
BP-01
Pole attachment
For:
- PA-15WE/PA-30NE



BP-02
Pole attachment
For:
- PIR-T15WE/AM
- PA-15WE/PA-30NE



BP-03
Pole attachment
For:
- PIR-30WE/50NE
- PA-8410E/8420E



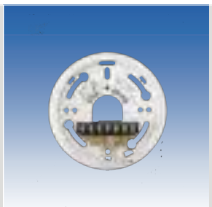
BP-11
Pole cover
For:
- MS-100E

BP-12
Pole attachment kit
For:
- MS-100E

BP-22
Pole attachment kit
For:
- MS-12TE/FE
- TX-114SR
- PIR-T15WE/AM

BP-22F
Pole attachment clamps
For:
- PIR-T15WE/AM

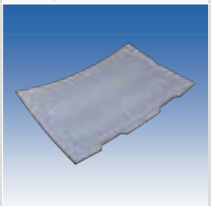
FRONT COVER
For:
- PR-11B



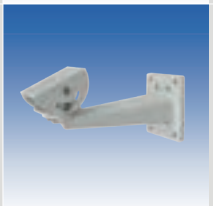
STANDARD BASE
For:
- PA-6600 SERIES
- PA-6800 SERIES

BW-14
Wall mount bracket
For:
- MS-100E

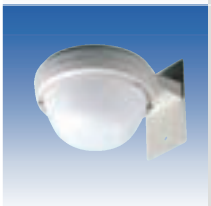
BW-24
Wall mount bracket
For:
- MS-12TE/FE
- TX-114SR
- PIR-T15WE/AM



MS-LENS-WHITE
White lens
For:
- MS-12TE/FE
- TX-114FR/TR
- TX-114SR



WO-3D
Wall bracket
For:
- PIR-30WE/50NE + BL-8400



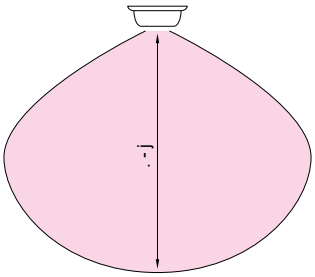
BL-5000
Wall mount attachment
For:
- PA-6612E
- PA-6805/6810/6812/6820E
- PA7012/7030/7100E
- PA-5312/5325E
- PA-6412PI

BU-5300/6800/7000
Flush mount attachment
For:
- PA-5312/5325E
- PA-6805/6810/6812/6820E
- PA7012/7030/7100E

TX-102R BASE BOX
Surface mounted base for interface modules
For:
- PA-6805/6810/6812/6820E

FS-1000E

10m (33ft) / 7cm (2.76") flame



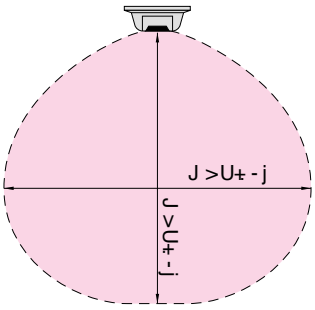
FEATURES

- High sensitivity ultraviolet flame sensor
- Built-in sounder
- NO/NC relay output
- Adjustable response time
- Battery or DC operation

Detection System	Ultraviolet rays detection
Detection Distance	7cm (2.75") gas/lighter flame at 10m (33ft)
Supply Voltage	Type AA Alkaline battery (LR-6) x 2 External wiring 9 to 30V DC
Current Consumption	50mA
External Output	Open collector (semi-conductor) output N/O 30V DC • 50mA Max Delay time (approx. 10sec)
Mounting Position	Ceiling, wall (indoor)
External Dimensions	120 dia x 40mm (4.72" dia x 1.57")
Weight	200g (7.05oz)

FS-2000E

10m (33ft) / 7cm (2.76") flame



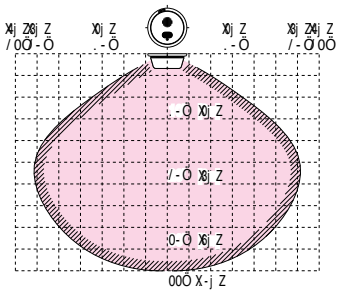
FEATURES

- High sensitivity ultraviolet flame sensor
- Adjustable detection area
- Built-in sounder
- NO/NC relay output
- Adjustable response time

Detection System	Ultraviolet rays detection
Detection Distance	7cm (2.75") gas/lighter flame at 10m (33ft)
Supply Voltage	10 to 30V DC (non-polarity)
Current Consumption	Stand-by: 25mA or less Alarm: 75mA or less with buzzer 40mA or less without buzzer
External Output	Dry contact relay output form C Contact action time Min. 2sec. Contact capacity: 30V (AC/DC) 0.3A
Mounting Position	Ceiling, wall (indoor)
External Dimensions	120 dia x 40mm (4.72" dia x 1.57")
Weight	150g (5.29oz)

FS-3500E

10m (33ft) / 7cm (2.76") flame



FEATURES

- High sensitivity ultraviolet flame sensor
- Prerecorded flame prohibition and non-smoking messages
- Choose between long and short message options
- English, Spanish, Japanese, Chinese, Korean languages
- 80dM/1m (3.3ft) max
- NO/NC relay output
- Adjustable response time
- Battery or DC operation

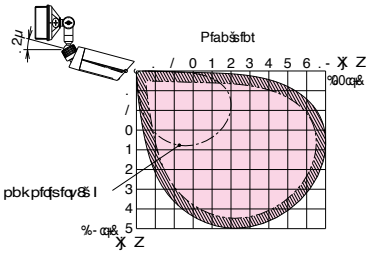
Detection System	Ultraviolet rays detection
Detection Distance	7cm (2.75") gas/lighter flame at 10m (33ft)
Supply Voltage	Type AA Alkaline battery (LR6) x 2 (not included) External wiring 10 to 30V DC (Polarized)
Current Consumption	Stand by: 40mA or less Alarm: 300mA or less
Battery Life	Type-AA alkaline battery: Approx. 2 years (Stand by)
Warning Message	"Japanese" "English" "Chinese" "Korean" "Spanish"
External Output	Relay contact output N.O./N.C. Detection time plus 2 sec. Output 30V DC 0.1 A
Mounting Position	Indoor
Weight	180g (6.35oz) (battery excluded)

OUTDOOR FLAME SENSORS

Designed for both External and Internal use, these UV Flame sensors can be wall or ceiling mounted, have an effective 10m range, and have N/O contacts to connect to ancillary equipment.

FS-5000E

10m (33ft) / 7cm (2.76") flame



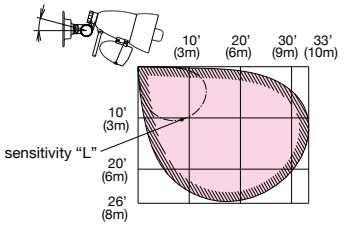
FEATURES

- High sensitivity ultraviolet flame sensor
- Omni-directional bracket
- Weather proof housing for indoor or outdoor use
- NO/NC relay output
- Adjustable response time

Detection System	Ultraviolet rays detection
Detection Distance	7cm (2.75") gas/lighter flame at 10m (33ft)
Supply Voltage	10 to 30V DC (Non-polarity)
Current Consumption	35mA or less
External Output	Dry contact relay Form C Contact capacity: 30V (AC/DC) 0.5A or less
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Installation	Outdoor, Indoor
IP Rating	43
Weight	550g (19.4oz)

FS-6000E

10m (33ft) / 7cm (2.76") flame



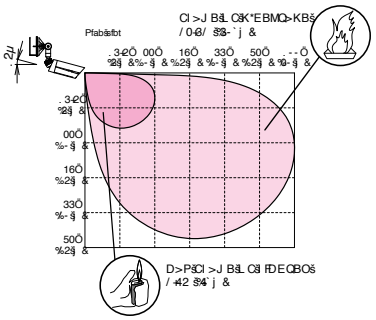
FEATURES

- High sensitivity ultraviolet flame sensor
- Prerecorded flame prohibition message
- English, Spanish, French & Italian languages
- 80dM/1m (3.3ft) max
- Form C relay output
- Adjustable response time

Detection System	Ultraviolet rays detection
Detection Distance	7cm (2.75") gas/lighter flame at 10m (33ft)
Supply Voltage	10 to 30V DC (Non-polarity)
Current Consumption	35mA or less
External Output	Dry contact relay Form C Contact capacity: 30V (AC/DC) 0.5A or less
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Installation	Outdoor, Indoor
IP Rating	43
Weight	550g (19.4oz)

TX-124R

10m (33ft) / 7cm (2.76") flame



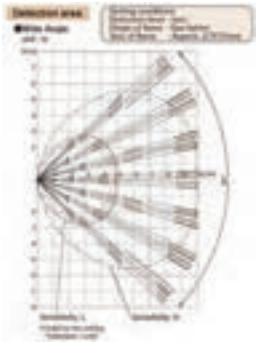
FEATURES

- High sensitivity ultraviolet flame sensor
- Powered by DC3V (CR-123A) battery
- Compatible with leading wireless transmitter models
- H/L sensitivity settings and 4-stage detection timer
- Omni-directional bracket
- Weather proof housing for indoor or outdoor use
- NO/NC relay output
- Adjustable response time

Detection System	Ultraviolet rays detection
Detection Distance	7cm (2.75") gas/lighter flame at 10m (33ft) 60cm (23.62") Flame of n-heptane on fire plate 15 x 15cm (5.91 x 5.91") at 30m (100ft) *The flame size is approximate.
Supply Voltage	(Red/Black wires) 3V DC (CR-123A)
Current Consumption	Standby: 55µA Max, Detection: 5mA Max
Detection Output	(Blue/White wires) Solid State Switch N.C 3VDC • 0.01A Max Output when detecting Ultraviolet, Real time + delay time 2 sec
Ambient temperature	-20°C to +50°C (-4°F to +122°F)
IP Rating	43
Weight	510g (18.0oz)

FP-2500E

10m (33ft) / 7cm (2.76") flame



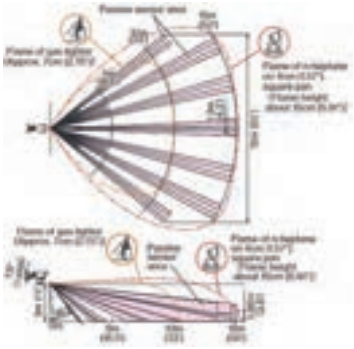
FEATURES

- High sensitivity ultraviolet flame sensor + wide angle intrusion PIR
- Dual output modes; AND/OR
- Forced output mode following continued flame detection
- Multi-zone PIR technology provides pet immunity up to 20kg (40lbs)H

Detection System	Ultraviolet rays detection
Detection Distance	7cm (2.75") gas/lighter flame at 10m (33ft)
Supply Voltage	10 to 30V DC (Non-polarity)
Current Consumption	35mA or less
External Output	Dry contact relay Form C Contact capacity: 30V (AC/DC) 0.5A or less
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Installation	Outdoor, Indoor
IP Rating	43
Weight	550g (19.4oz)

FP-5500E

10m (33ft) / 7cm (2.76") flame



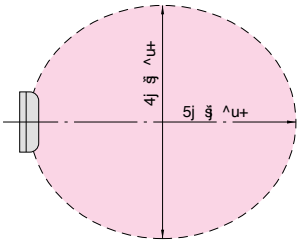
FEATURES

- High sensitivity ultraviolet flame sensor + wide angle intrusion PIR
- Dual output modes; AND/OR
- Forced output operation following continued flame detection
- Alarm memory function
- Detection timer

Detection System	Ultraviolet rays detection
Detection Distance	7cm (2.75") gas/lighter flame at 10m (33ft)
Supply Voltage	10 to 30V DC (Non-polarity)
Current Consumption	35mA or less
External Output	Dry contact relay Form C Contact capacity: 30V (AC/DC) 0.5A or less
Ambient Temperature	-20°C to +50°C (-4°F to +122°F)
Installation	Outdoor, Indoor

GS-1100E

7m (23ft) x 8m (26ft)



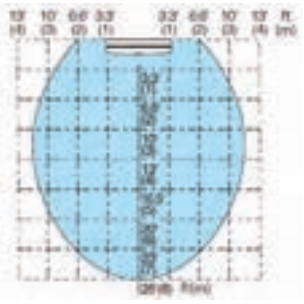
FEATURES

- Ulltrasonic type
- Wall mount design
- Easy installation
- Alarm/environmental LED operation check
- Alarm memory function
- Sensitivity adjustment
- Slim and compact 32mm (1.26") profile

Detection System	Ultrasonic
Alarm Output	Dry contact relay output: N/C Reset time: approx. 2sec 30V (AC/DC) 0.1 A Max
Supply Voltage	9 to 20V DC (non-polarity)
Current Consumption	30mA
Ambient Temperature	-10°C to +50°C (+14°F to +122°F)
Mounting Position	Wall (indoor)
Optional	Glass checker
External Dimensions -WHD	70 x 110 x 32mm (2.75 x 4.33 x 1.26")
Weight	120g (4.23oz)

GS-2000E

7m (23ft) x 8m (26ft)



FEATURES

- Easy operation check
- Alarm memory function
- Easy installation
- Screw-less terminal block
- Sensitivity adjustment
- Slim and compact design (height 45mm x depth 32mm)

Detection System	Ultrasonic
Alarm Output	Dry contact relay output: N/C Reset time: approx. 2sec 30V (AC/DC) 0.1 A Max
Supply Voltage	9 to 20V DC (non-polarity)
Current Consumption	30mA
Ambient Temperature	-10°C to +50°C (+14°F to +122°F)
Mounting Position	Wall (indoor)
Optional	Glass checker
External Dimensions -WHD	70 x 110 x 32mm (2.75 x 4.33 x 1.26")
Weight	120g (4.23oz)

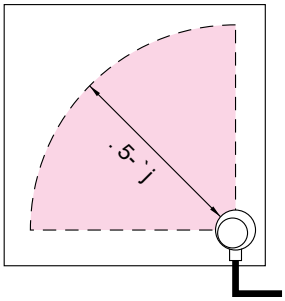
EG-2000E

FEATURES

- Check the sensitivity and alarm operation of Glass break sensor
- Slim and compact 104 x 64 x 21mm

Model	Glass checker
Model number	GS-2000E
Power supply	Alkali battery (6LR61) or Lithium battery (U9VL)
Operation	Pushing test switch Similar sound of glass break: 0.1sec Buzzer: L setting = Pi - H setting + PiPiPi LED: Light (Red)
Battery life	About 70,000 testing (6LR61)
Ambient temperature	0°C to 40°C
Weight	100gr (including battery)

GS-02	GS-02C
straight cord	curled cord



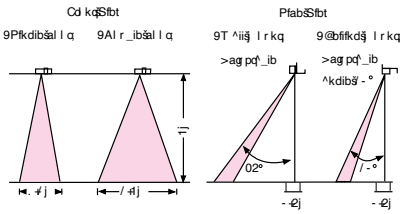
FEATURES

- 180cm (6ft) coverage radius
- Piezoelectric type
- Memory reset function

Detection System	Piezoelectric type
Alarm Output	Dry contact relay output: N/C Reset time: approx. 2sec 30V (AC/DC) 0.5A Max
Supply Voltage	10.5 to 15V DC (non-polarity)
Current Consumption	20mA
Features	Memory reset
Ambient Temperature	-30°C to +55°C (-22°F to +131°F)
Mounting Position	Surface of glass (indoor)
Optional	Glass checker, Glue
External Dimensions	37.0 dia x 15mm (1.46 dia x 0.6")
Weight	GS-02: 30g (1.06oz) GS-02C: 50g (1.76oz)

PS-520E

2.4m (8ft) width @ H4m (13ft)



FEATURES

- Request-to-Exit sensor
- Passive infrared type
- Adjustable pattern width (for single/double doors)
- 2 x heavy duty relay outputs (up to 1A) for controlling door strikes and magnetic locks
- Fail safe/fail secure selectable
- Adjustable relay timer 0.25 to 60 seconds
- Dual pyro for increased external light immunity

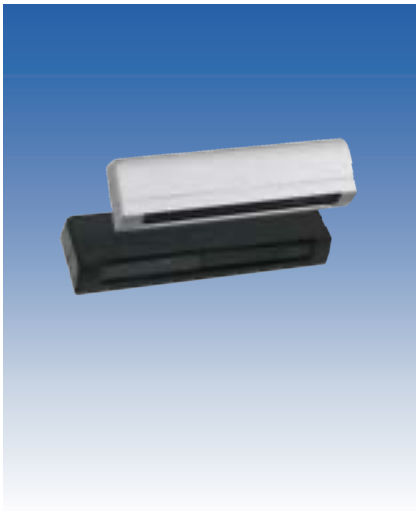
Detection System	Passive Infrared
Alarm Output	Dry contact relay output: 2c Hold time: Adjustable approx. 0.25sec to 60sec 30V (AC/DC) 1A
Supply Voltage	12 to 24V DC
Current Consumption	40mA/DC 70mA/AC
Ambient Temperature	-10°C to +50°C (+14°F to +122°F)
Mounting Position	Wall, Ceiling (indoor)
External Dimensions - WHD	160 x 60 x 40mm (6.30 x 2.36 x 1.57")
Weight	170g 6.0oz)

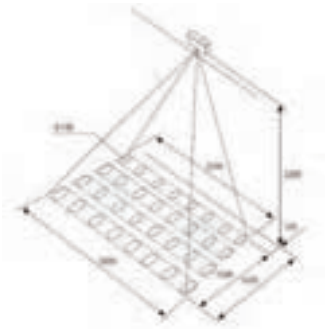
REQUEST-TO-EXIT

The PS-520E Request-to-Exit (REX) unit uses Passive Infrared detection, combined with adjustable mirrored optics.

DA-303

3m (10ft) width @ H3m (10ft)





FEATURES

- Auto door sensor
- Near infrared beam type
- High-density detection pattern
- Easily disable rows to meet any detection requirement
- Adjustable pattern width (for single/double doors)
- 4-step stationary detection (inc. infinite)
- 4 selectable channels to prevent crosstalk
- 4 selectable environment sensitivity settings
- Slim and compact 28mm (1.10") profile
- Suitable for AC/DC operation

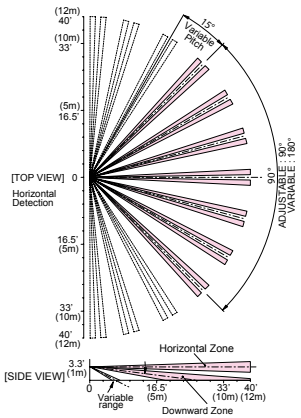
Detection System	Near infrared beam direct reflection
Max Installation Height	3m (9ft 10")
Area Adjustable Angle	Main body adjustable angle: 0° to +5° Depth: 1 line to 4 lines Width: Adjustable by switch
Power Supply	12 to 24V AC or DC ±10%
Current Consumption	1.3VA at AC24V, 1 .0VA at AC12V 40mA at DC24V, 80mA at DC12V
External Output	Dry contact relay N/O. 50V DC 0.1A or less
Output Holding Time	Approx. 0.5 seconds
Stationary Detection Time	2,15,60sec. selectable by dip switch
Ambient Temperature	-20°C to +60°C (-4°F to +140°F)
External Dimensions - WHD	212 x 65 x 30mm (8.35 x 2.56 x 1.18")
Weight	190g (6.70oz)

AUTO DOOR SENSORS

Takex Auto Door sensors use NIR (Near Infrared Reflection) technology, providing the most stable detection method for this application, and allowing continual monitoring of stationary people/objects within the entire coverage area.

PVW-12TE

12m (40ft) x 90°



FEATURES

- Dual-zone detection system
- 2 recordable messages (daylight or arm/disarm)
- Built-in microphone and audio line input
- DAY/NIGHT sensing

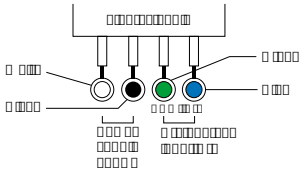
Detection System	Passive infrared
Coverage Area	Horizontal coverage Max. detection distance 12m (39ft 4") Detection angle 90'
Supply Voltage	10 to 30V DC
Current Consumption	55mA Max. for standby 300mA Max. for operation
Alarm Output	Dry contact relay output NO/NC selectable with a switch Contact capacity: 30V (AC/DC), 0.5A Max. Contact operation: One shot operation Approx. 2 sec.
External Dimensions - WHD	80 x 234 x 91mm (3.15 x 9.21 x 3.58")
Weight	480g (1.0lb)

ATTENTION SENSORS

Takex attention sensors can be used to provide welcome messages, protect emergency doors, deter would-be intruders, or to trigger warning messages in a variety of different applications.

AV-100E

N/O input for activation



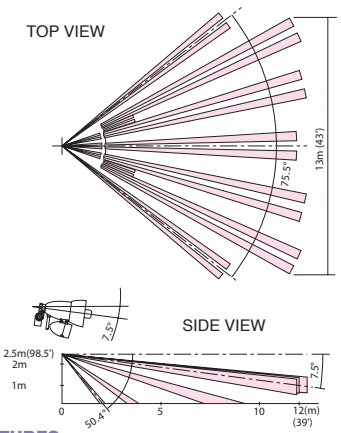
FEATURES

- Requires external trigger for activation (N/O input)
- Record a message (8 secs) using built-in microphone
- Omni-directional bracket
- Memory back-up for 20 days without power
- Horn speaker type
- 100dB/1m (3.3ft) max

Supply Voltage	12V DC
Voice Output	2W Max
Alarm Input	Dry contact N/O
External Dimensions - WHD	115 x 172 x 289mm (4.53 x6.77 x11.38")
Weight	1.0kg (2.2lb)

PV-12

12m (40ft) x 75°



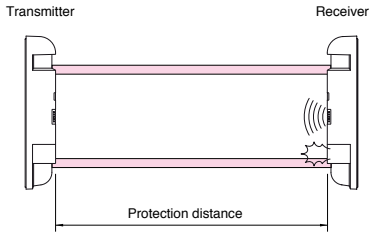
FEATURES

- Integrated PIR triggers activation
- Alarm output
- Record a message (8 secs) using built-in microphone
- Omni-directional bracket
- Memory back-up for 20 days without power
- Horn speaker type
- 100dB/1m (3.3ft) max

Detection System	Passive infrared
Coverage Area	Wide angle protection Coverage 12m (39ft 4") max.
Supply Voltage	12V DC
Voice Output	2W
Alarm Output	Dry contact relay output: 1c Reset time: approx. 8 sec 30V (AC/DC) 0.5A
External Dimensions - WHD	115 x 172 x 289mm (4.53 x6.77 x11.38")
Weight	1.0kg (2.2lb)

PBS-15T

15m (49ft) outdoor



FEATURES

- 2 x synchronized high power beams
- Flashing beacon and siren upon detection (RE only)
- 4 selectable beam channels to prevent crosstalk
- DAY/NIGHT sensing
- 90dB/1m (3.3ft) max

Detection System	Simultaneous breaking of 2 beams
Supply Voltage	10 to 18V DC (Non-polarity)
Current Consumption	Transmitter: 24mA Receiver: 250mA
Alarm Output	Dry contact relay output N.C./N.O. selectable 30V AC/DC 0.5A (resistive load) Contact action: Interruption time (Min.2 sec.)
External Dimensions - WHD	73 x 332 x 67.2mm (2.87 x 13.07 x 2.65")
Weight	Transmitter: 560g (19.8oz) Receiver: 620g (21.87oz)

A

AV-100E 26

B

BCW-401 20
BL-10 11
BL-11 11
BL-5 11
BL-5000 20
BL-8400 20
BP-01 20
BP-02 20
BP-03 20
BP-11 20
BP-12 20
BP-150A 17
BP-200F 11
BP-200X 11
BP-22 20
BP-22F 20
BP-32 11
BP-5B 11
BP-5C 11
BP-5D 11
BP-60A 11
BP-60TE 11
BR-10 11
BR-5 11
BU-50F 11
BU-5300 20
BU-6800 20
BU-7000 20
BW-14 20
BW-24 20

D

DA-303 25

E

EG-2000 24
ER-02 11

F

FAN 11
FP-2500 23
FP-5500 23
FS-1000E 21
FS-2000E 21
FS-3500E 21
FS-5000E 22
FS-6000E 22

G

GS-02 24
GS-02C 24
GS-1100E 23
GS-2000E 24
GUY WIRES 11

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INT-QUADIP 07

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LS33600 11

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MS-100E 13
MS-12FE 12
MS-12TE 12
MS-LENS-WHITE 20
MX-12FAMD 13

P

PA-15WE 13
PA-30NE 13
PA-450EA 18
PA-450PIA 18
PA-460EA 18
PA-470L 19
PA-480S 19
PA-4810E 19
PA-4820E 19
PA-6412PI 17
PA-6614E/PA-6614BL 15
PA-6612E 15
PA-6805E 15
PA-6810E/PA-6810BL 15
PA-6812E/PA-6812BL 16
PA-6820E 16
PA-6800 SERIES BASE 20
PA-7012E 16
PA-7030E 16
PA-7100E 16
PA-8410E 17
PA-8420E 17
PB-100AT-KH 06
PB-50FA 03
PB-100FA 03
PB-200FA 03
PB-50HF-KH 06
PB-100HF-KH 06
PB-200HF-KH 06
PB-30SU 09
PB-30TK 03
PB-60TK 03
PB-100TK 03
PB-20TE 03
PB-40TE 03
PB-60TE 03
PB-10NS 09
PB-10TNS 09
PB-IN-100AT 04
PB-IN-50HFA 04
PB-IN-100HFA 04
PB-IN-200HFA 04
PBS-15T 26
PIR-30WE 14
PIR-50NE 14
PIR-T15AM 14
PIR-T40NAM 14
PR-11B 08
PR-11B COVER 20
PR-11B REFLECTOR 11
PR-11B REFLECTOR KIT 11
PR-1B 08
PR-30BE 09
PR-5B 08
PS-520E 25
PTS 11
PTS50 11
PV-12 26
PVW-12TE 25
PXB-100ATC 05
PXB-100ATC-KH 07
PXB-50HF 04
PXB-100HF 04
PXB-200HF 04
PXB-50HF-KH 06
PXB-100HF-KH 06
PXB-200HF-KH 06

T

TA-SB 11
TA-3SB 11
TAD100 10
TAD150 10
TAD200 10
TAD300 10
TADTOP 11
TAFB 11
TA-KH 11
TAPX1 11
TAPX1.5 11
TAPX2 11
TAPX3 11
TAPS 11
TAS100 10
TAS150 10
TAS200 10
TAS300 10
TASTOP 11
TAW100 10
TAW150 10
TAW200 10
TAW300 10
TX-102R BASE BOX 20
TX-114FR 12
TX-114SR 12
TX-114TR 12
TX-124R 22
TXF-125DM 05
TXF-125E 05
TXF-125E-KH 07
TWH24V 11

W

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