

TAKEX

The Choice of Professionals Worldwide



PASSIVE INFRARED SENSORS

SPEAKER SENSORS

FLAME SENSORS

MICROWAVE SENSORS

PHOTOELECTRIC BEAM SENSORS

Indoor PIR Sensors

Wall & Ceiling Mount



PA-470L
53' x 84" Wide angle or 66' Long range (includes both Fresnel lenses), Quad, "Fuzzy Logic" signal processing, N/O or N/C selectable output, Tamper Circuit LED on/off, Alarm Memory, 9V to 18VDC.

PA-480S
26' x 180" Ultra-Wide angle, Fresnel lens, Look-Down Zone, Pulse Count, N/C output, Tamper Circuit, LED on/off, 9V to 18VDC.



PA-4810
40' x 84" Wide Angle
Adjustable Mirror Optic with aiming LED, Quad, "Fuzzy Logic" signal processing, Pulse Count & Sensitivity adjustment with Slight Motion Detection, N/O or N/C selectable output, Tamper Circuit, LED on/off, Alarm Memory, 10V to 30VDC.

PA-4820
82' Long Range



PA-5312 (Wall or Ceiling Mount)
40' x 84" Wide Angle
Separate base and sensor head, Adjustable Mirror Optic QUAD with aiming LED, Pulse Count & Sensitivity adjustment with Slight Motion Detection, N/O or N/C selectable output, Alarm Contact, Check Feature with trouble output, Tamper Circuit, LED on/off, Alarm Memory, 9.5V to 30VDC.

PA-5325 (Wall or Ceiling Mount)
82' Long Range

NEW

PA-6614



Pet immune up to 40lbs, 46' wide detection pattern, Twin Mirror PIR System & Fuzzy Logic, Up to 20" ceiling mounting height, Pulse count & sensitivity adjustment, Temperature compensation, N/O or N/C selectable output, N.C. Tamper relay, 7V to 30V DC non polarity, Super low 8mA current draw, Available in White or Black

PA-6805 360° x 13' diameter Spot Coverage Separate base & sensor head, Pulse Count & Sensitivity adjustment, Silent N/O or N/C selectable output, Tamper Circuit, LED on/off, Alarm Memory, 9V to 18VDC.	PA-6810 360° x 50' diameter	PA-6812 40' x 84" Wide angle Mirror Optic	PA-6820 66' Vertical curtain Mirror Optic
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PA-7012 40' x 40' Wide angle Digital Quad, Mirror Optic, On-board pattern locator, Automatic temperature compensation, Form "C" Relay, Tamper Circuit, Alarm Memory, 9V to 19VDC.	PA-7030 100' x 6' Long Range	PA-7100 360° x 40' diameter when mounted at 12'
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Outdoor PIR Sensors



MS-100
33' x 64" Wide angle & Long Range 66' detection patterns, Vertical, horizontal and ceiling mount capable
Internal sensor head rotates, Sensitivity adjustment, Selectable N/O or N/C Relay with time adjustment, weather resistant, Tamper Circuit, 10.5V to 30VDC.



PA-15WE 50' x 50' Wide Angle Weather resistant, Mounts to wall or ceiling, adjustable sensor head, Form "C" relay, 10.5V to 30VDC.	PA-30NE 100' x 10' Long Range
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PA-8410 33' x 33' Wide angle (When mounted at 26') 4 mirror optics and pyroelectric elements offer dense pattern coverage. Sensitivity adjustment from 60% to 120%, Indoor/Outdoor, N/O or N/C, 9V to 30VDC.	PA-8420 66' Long range (When mounted at 26')
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PIR-30WE 100' x 100' Wide Angle Mirror optics, Quad pyroelectric element, Sensitivity adjustment from 30% & 170%, Weather resistant AES resin housing for indoor & outdoor use, Wall mounting height of 11.5'. Optional mounting brackets, Selectable N/O or N/C relay, 9V to 30VDC	PIR-50NE 165' x 10' Long Range
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PIR-T15AM (Anti-Masking) 50' x 80" Wide Angle High Mount PIR High mount outdoor PIR 6.6' to 20', 50' x 80" wide detection range or 135' x 10.5' vertical curtain protection, 3 Mirror-Optics, Small animal resistant, N/O or N/C relay, 9 to 28VDC. 4 position modes: Low position, High position, Pet mode and High density.	PIR-T40NAM (Anti-Masking) 135' x 10.5' Vertical Curtain Protection
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Outdoor PIR Sensors

Pet Immune



NEW

MX-12FAM

NEW

MX-12FAMD

Two 40' x 90° detection PIR zones with Anti-Masking Independent adj. for 90° & 180° detection, 2-Independent Right & Left N.O./N.C. Alarm Relays for 90° detection and One with 180° detection with N.O. trigger on Alarm Output 2. Front & Back Tamper alarm relay, Trouble Relay Output for anti-mask operation, Small animal resistant, vertical and horizontal head adjustment. Pulse count & sensitivity adjustment, IP55 weather resistant rating, 9V to 28V DC non polarity **MX-12FAMD, Microwave/PIR combination unit.**



MS-12FE Two 40' x 90° detection zones, independent adj. for 180° detection Small animal resistant, Vertical and Horizontal head adjustment, Sensitivity adjustment, Pulse Count, Selectable N/O or N/C Relay with time adjustment, Tamper Circuit. Optional: White lenses are also available.	MS-12TE One 40' x 90° detection zone
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TX-114FR Two 40' x 90° detection zones, independent adj. for 180° detection Small animal resistant, Vertical and Horizontal head adjustment, Sensitivity adjustment, Pulse Count, Selectable N/O or N/C Relay with time adjustment, Tamper Circuit, Power: 3 to 9V DC Alkaline or Lithium Battery. Compatible with virtually any wireless transmitter. 12V to 30VDC. Wireless Ready.	TX-114TR One 40' x 90° detection zone	TX-114SR One 40' x 90° detection zone
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Speaker Sensors

Indoor/Outdoor



PVW-12TE
40' x 90° Wide angle PIR with Recordable Messages, 180° rotating sensor head, small animal resistant. Variable volume up to 80db.



PV-12 40' x 75.5° Wide angle PIR with speaker, Form "C" Relay 3 Watt 100dB speaker, Re-recordable 8-second message, 12VDC.	AV-100 Speaker only, "No Motion Sensor", Trigger by external N/O input contact
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Door Sensors



PS-520 Mirror Optic, Wall or Ceiling Mount, Single or Double Door selectable, Two Form "C" Relays, "Fail Safe" or "Fail Secure" selectable, 12V/24V AC/DC operation, 0.25 to 60 seconds relay hold time. Available in White and Silver	Request-to-Exit PIR
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DA-303S
Near infrared beam direct reflection, High density detection pattern, Adjustable angle, Stationary object/person detection, Selectable frequency, Output N/O, 24V DC. Available in Silver.

Flame Sensors

Indoor/Outdoor

The FS-Series flame sensors are designed to detect ultraviolet rays in flames. With a detection range of approximately 33' they either activate a built-in alarm sounder or are connected to a remote panel annunciating device.



FS-1000 33' detection range, Built-in sounder, Battery operated or external 9V to 30VDC power, N/O collector output, Selectable detection times.	Indoor Rated
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FS-2000 33' detection range, Built-in sounder, 10V to 30VDC power. Adjustable angle of sensing element, Form "C" Relay, Tamper Circuit, Selectable detection times.	Indoor Rated
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FS-3500 33' detection range, Ceiling mount, "Snap in Base", Battery 3V or External Power 10 - 30VDC, Relay Output N/O - N/C Pre-recorded Voice Message Output - 5 Languages.	Indoor Rated
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FS-5000 33' detection range, Weather Resistant, Indoor/Outdoor, Form "C" Relay, 10V to 30VDC power, Selectable detection times.	Outdoor Rated
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TX-124R 33' detection range, Weather Resistant, Indoor/Outdoor, Solid State Switch N.C. 3V DC 0.01A max. Power: DC3V (CR-123A) Selectable detection times.	Outdoor Rated
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FP-2500E 33' flame detection & 33' wide angle motion detection with Pet Immune 40lb setting, Two selectable output modes include "AND" & "INDIVIDUAL", Flame detection timer adjustment, N/O N/C Alarm Relays, Tamper, Alarm Memory, 10V to 30VDC Optional: BCW-401 Ceiling/Wall Bracket	Indoor Rated
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Microwave Sensors Point-to-Point Detection



MW-50
165' Outdoor Effective Range

MW-100A
330' Outdoor Effective Range

Point-to-Point "K" Band Microwave sensor with a range of 330' outdoors. Adjustable response time, Automatic Gain Control, 2 frequencies available (High & Low), Form "C" Relay, Tamper Circuit, 12V to 30VDC



Combination Sensor Photoelectric & Microwave



COM-50XT
165' Outdoor Effective Range

Combination of Intelligent Double Modulated Twin photoelectric beam and Microwave sensor, Improved catch performance during difficult weather conditions. Auto Gain Control, Environment Monitoring Circuit, And/Or Switch, Tamper Circuit, 12V to 30VDC.

Reflective Beams Photoelectric



PR-1B
3' Indoor "presence" sensor (no reflector required), Form "C" Relay, 10.5V to 22VDC.

PR-5B
16' Indoor single beam, N/C Relay, 10.5V to 26VDC.



PR-10B

33' Indoor single beam, N/C Relay, 10.5V to 15VDC.
Also available: PR-10BU, Flush Mount Version.



PR-11BE

36' Outdoor / 50' Indoor single beam, Response time adjustment, N/O or N/C selectable output, Tamper Circuit, 10.5V to 30VDC.



PR-30BE

100' outdoor / 135' indoor reflector beam with Time of Flight technology, Response time adjustment 0.05/0.1/0.25/0.5, Easy beam alignment with Dual-Ring Viewfinder, +/-90 degree horizontal & +/-5 degree vertical thumbscrew adjustment, Alarm LED, Attenuation LED, Sound Check feature, N/O N/C Relay, N/O N/C Environmental Relay, Tamper, 10.5V to 30VDC

Specialty Beams Photoelectric



PB-4RNS
13' Reflector type miniature flush mount Single Photo Beam, N/O or N/C selectable output, 10V to 30VDC. Also available: PB-4RTNS

PB-10NS
33' Miniature flush mount Single Photo Beam, N/O or N/C selectable output, 10V to 30VDC. Also available: PB-10TNS

Twin Reflective Beam

Twin Beams Photoelectric



PB-30TK
100' outdoor / 200' indoor

PB-60TK
200' outdoor / 400' indoor

PB-100TK
330' outdoor / 660' indoor

Economical yet high-performance, Double Modulated Twin Beam, N/O or N/C Relay, 50,000 Lux external light rejection, Tamper Circuit, 10V to 30VDC.



PB-20TE
66' outdoor / 132' indoor

PB-40TE
132' outdoor / 264' indoor

PB-60TE
200' outdoor / 400' indoor

Intelligent Double Modulated Twin Beam, 4 Selectable Frequencies, N/O or N/C Relay, 50,000 Lux external light rejection, Tamper Circuit, 12V to 30VDC.

Standard Quad Beams Photoelectric



PB-50FA
165' outdoor / 330' indoor

PB-100FA
330' outdoor / 660' indoor

PB-200FA
660' outdoor / 1320' indoor

Double Modulated Quad Beam, Form "C" Relay, 50,000 Lux external light rejection, Tamper Circuit, 12V to 30VDC. Alignment Tone Generator

Intelligent Quad Beams Photoelectric



PB-IN-50HFA

PB-IN-100HFA

PB-IN-200HFA

PB-IN-75SW

165' outdoor / 330' indoor 330' outdoor / 660' indoor 660' outdoor / 1320' indoor 250' outdoor / 500' indoor
Low Current Draw at 6VDC

Intelligent Double Modulated Quad Beam, 4 Selectable Frequencies, Environmental Monitoring Circuit, Auto Gain Control, Selectable Relay Output N/O or N/C, 50,000 Lux external light rejection, Tamper Circuit, 12V to 30VDC. Alignment Tone Generator
PB-IN-75SW operates with either 5VDC to 8VDC or 10VDC to 30VDC.

Anti-Crawl Beams Photoelectric



PB-IN-100AT

PXB-100ATC



330' Outdoor / 660' Indoor Intelligent Double Twin Beam, "AND"/"OR" operation, 4 Selectable Frequencies, Auto Gain Control, Environmental Monitoring Circuit, Form "C" Relay, 50,000 Lux external light rejection, Tamper Circuit, 12V to 30VDC.

Professional Xtreme Beams Photoelectric



PXB-50HF

PXB-100HF

PXB-200HF

PXB-100SW

165' outdoor / 330' indoor 330' outdoor / 660' indoor 660' outdoor / 1320' indoor 330' outdoor / 660' indoor
Low Current Draw at 6VDC

High power wide pattern Quad Beam, Dual Ring alignment sight with target color, 180° & 20° angle adjustment. Improved insect & water prevention, 4 selectable frequencies, Environment Monitoring Circuit, Auto Gain Control, Selectable Relay Output, N/O or N/C, 50,000 Lux external light rejections, Tamper Circuit, 12V TO 30V DC, IP65 Rating.
PXB-100SW operates with either 5VDC to 8VDC or 10VDC to 30VDC.
(Optional ER-02 wireless alignment meter)

Battery Operated Quad Beam Photoelectric



TXF-125E

NEW

TXF-125DM Double Modulated

330' Outdoor / 660' Indoor High power wide pattern Quad Beam, Dual Ring alignment sight with target color, 180° & 20° angle adjustment. Improved insect & water prevention, Alarm, Environment, Low Battery, Tamper Outputs, N/O or N/C.

Battery: 4x DC3.6V Lithium Batteries (2x for transmitter, 2x for receiver, included)
TXF-125DM, 4x for transmitter, 2x for receiver, included)
(Optional ER-02 wireless alignment meter)

Solar Solution Photoelectric



SPK-250-6-1

SPK-250-6-2

SPK-330-6-1

SPK-330-6-2

250' Low Current Beam with 2 watt 6 volt solar powered kit at one end 250' Low Current Beam with 2 watt 6 volt solar powered kit at both ends 330' Low Current Beam with 2 watt 6 volt solar powered kit at one end 330' Low Current Beam with 2 watt 6 volt solar powered kit at both ends

The SPK Series Kits are designed for use with either the PB-IN-75SW 250'/75 meter or PXB-100SW 330'/100 meter detection range photo beams. Each of these kits utilize the BA-6SL solar battery charging kit to provide power to the photoelectric beams, included is a 2-watt solar panel, voltage regulator and plastic housing box. These kits are available in single or double sided solar/battery powered configurations. Each of the photo beams within the kits can also be powered with a traditional low voltage hardwired power source. Wireless alarm relay signal can be achieved by using a wireless transmitter of your choice for your specific application.

Note: Mounting poles and wireless transmitters are not provided.

Easy-Mount Tower Solutions Photoelectric



TAD, TAS & TAW Beam Tower Series

Available in Wall Mount, Single Sided and Double Sided floor mount versions. An extruded aluminum box section center provides rigid mounting of single or multiple sets of beams on sliding tray fixtures. Special covers pass the IR signal providing discreet location of the individual beam sensors. A beam tower tamper is provided for top cap removal. Sliding base mount and tower provides water ingress prevention.

Available in size: 3' 3" (1m) , 4' 6" (1.5m) , 6' 6" (2m) & 9' 8" (3m)

PB-50HFA-KH

PB-100HFA-KH

PB-200HFA-KH

PB-100AT-KH

165' outdoor / 330' indoor 330' outdoor / 660' indoor 660' outdoor / 1320' indoor 330' outdoor / 660' Indoor Anti-Crawl Beam

PB-KH series beam sets are specifically designed to mount within the TAKEK TA series beam towers. These versions have the same features as the non-tower mount versions beams yet are less expensive since they require less materials. Circuit boards are double dipped for moisture prevention providing long lasting field performance.
PXB-100ATC-KH Anti-Crawl beam also available.

Accessories



INT-QUADIP IP Interface Module

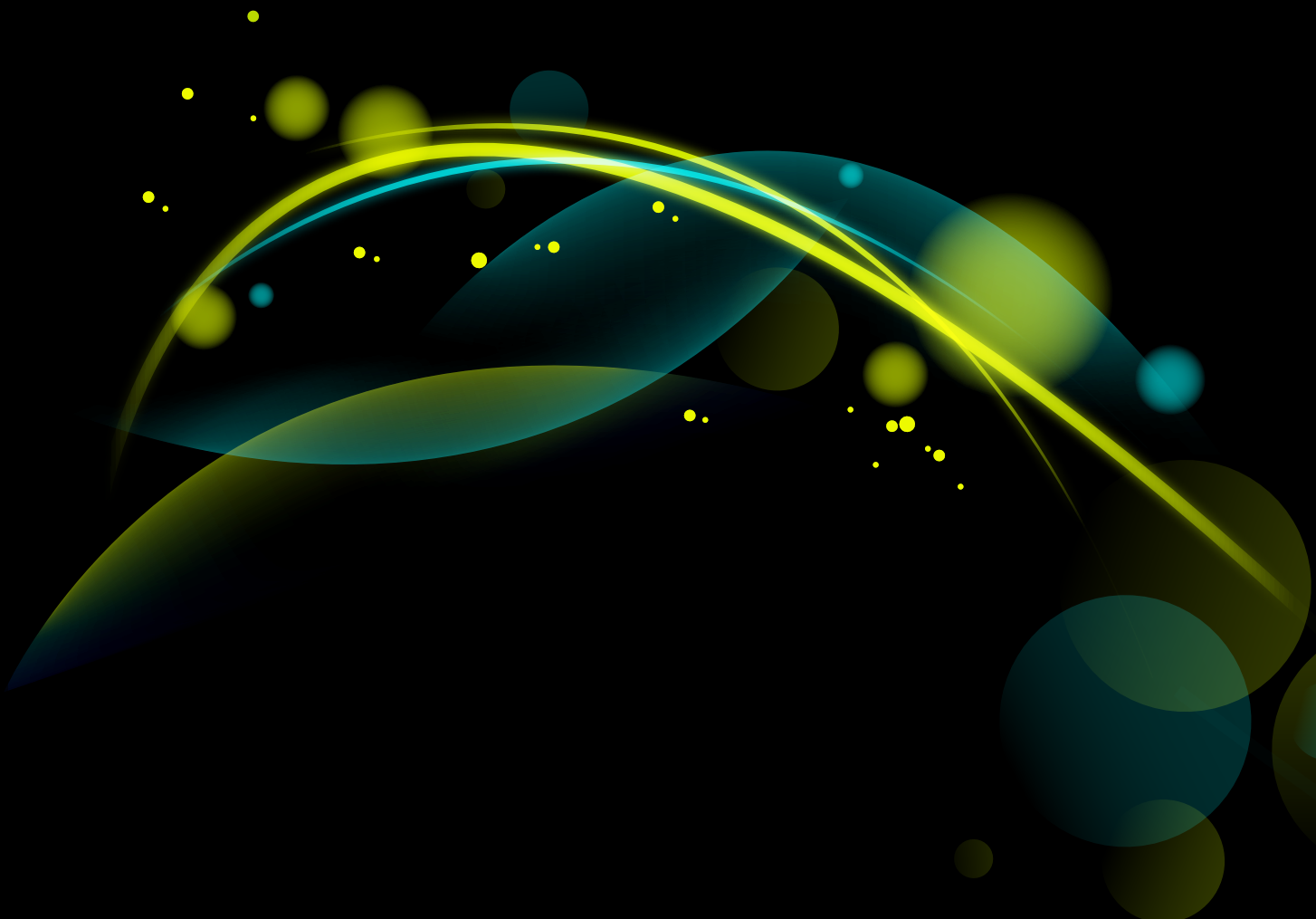
With the TAKEK IP interface module, our photoelectric beams are as easy as IP cameras to install and integrate with Video Management Systems; start recording when somebody enters the area, move a PTZ to the location of an intrusion, or activate lighting. For PB-IN-HF, PB-F, PB-IN100AT & PB-KH series.

- PoE Class 3 / IEEE 802.3af
- VMS compatible
- direct control of supported cameras
- plug & play web browser interface

ER-02 Wireless Alignment Meter



ER-02 Bi-Directional Wireless alignment meter is the latest offering from Takek designed to retain more profit at the end of the job. The devices are situated at the transmitter and receiver ends of long range PE Beam installations, eliminating the need for two installation techs, and speeding the alignment process. An additional baseline function is supported for select models (PXB), which will automatically toggle through each pertinent device parameter; allowing the installing technician, to record baseline installation readings for future periodic maintenance reference.



TAKEX AMERICA, INC.

TAKEX EUROPE, LTD.

TAKENAKA ENGINEERING CO., LTD.

North America	Australia	Europe, Middle East, & Africa	Asia
Tel: +1 408 747 0100 Fax: +1 408 734 1100 Email: info@takex.com Web: www.takex.com/us	Tel: +61 3 9544 2477 Email: oz_sales@takex.com Web: www.takex.com/au	Tel: +44 1256 475555 Fax: +44 1256 466268 Email: sales@takex.com Web: www.takex.com/uk	Tel: +81 75 501 6651 Fax: +81 75 593 3816 Email: international@takex-eng.co.jp Web: www.takex-eng.co.jp/en

