TAKEX SECURITY 〈SENSOR〉

BATTERY OPERATED
TRIPLE MIRROR SENSOR

PIR-T15WR(W)/(BL)

WIDE ANGLE PROTECTION
UP TO 49'(15m) x 80°

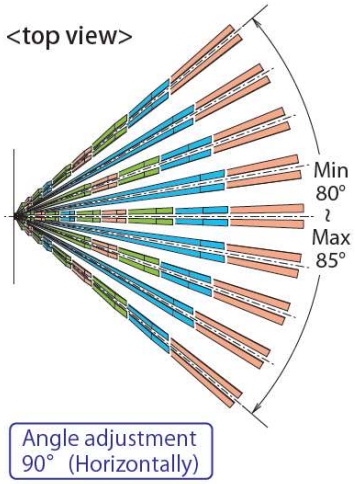
The Battery operated PIR for outdoor application integrating unique triple mirror optical system and signal processing technology to eliminate nuisance and lost alarms

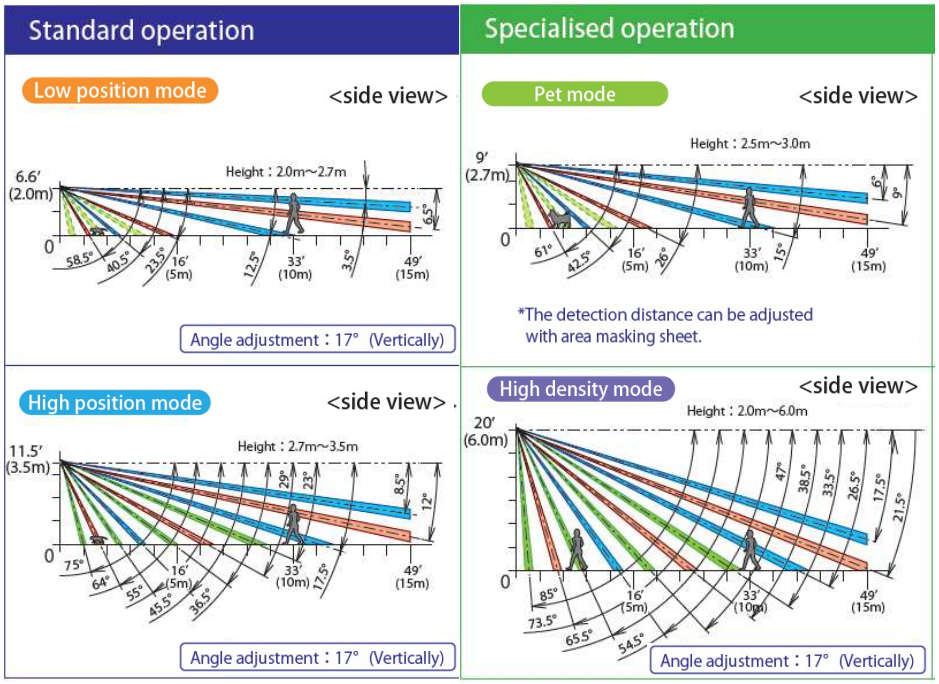


FEATURES

- Operated with SAFT lithium-thionyl battery LS33600 (3.6VDC) x 1 or 2 pcs
- Compatible with numerous wireless transmitter unit
- 4 Selectable operation modes; low/high/middle positions and high density
- 6.6' (2m) to 20' (6m) Installation height (depending on operation mode)
- High performance triple mirror optical system
- Precise detection area adjustment function
- Lightning surge protection
- Suitable for indoor and outdoor use (IP55)
- Available in white(W) and black(BL) color

[Detection area]





[Operation modes]

Low position mode



Height : 2.0 ~ 2.7m

Signal CCTV, alarm, or lighting controllers in a wide range of intruder applications in the standard 'low position operation mode'.

High position mode



Height : 2.7 ~ 3.5m

Use to activate lighting systems for safety aplications in warehouses, or for monitoring intrusion attempts from a mounting height of up to 3.5m.

Pet mode



Height : 2.5 ~ 3.0m

The dedicated 'Pet mode' further enhances discrimination performance against medium-sized animals moving within the detection area.

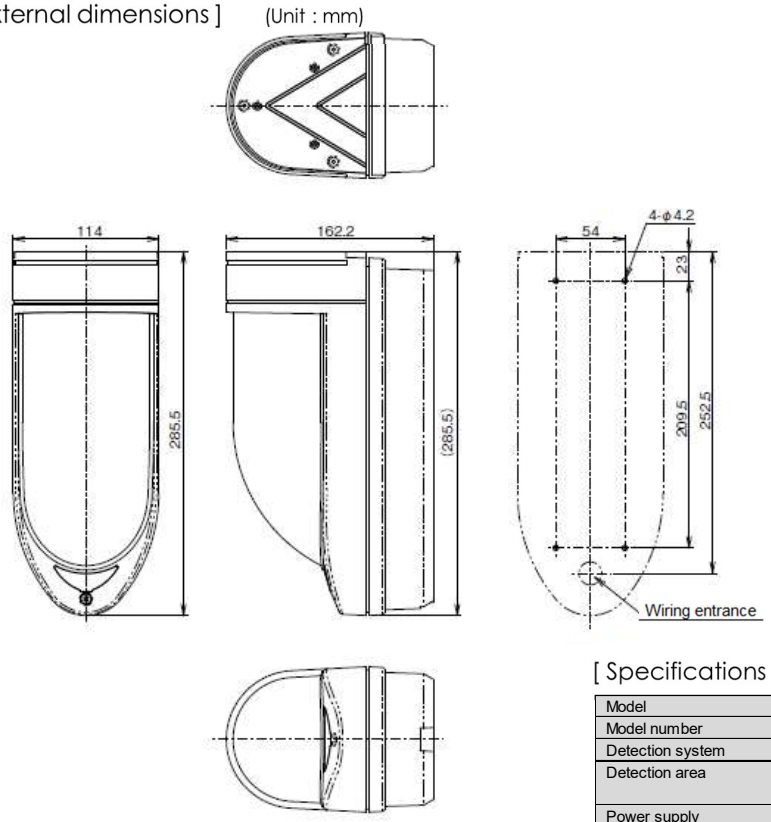
High density mode



Height : 2.0 ~ 6.0m

Mount up to 6m in height with a coverage of 15m x 80 degrees in 'high density mode', perfect for high installations such as open ceiling entrances.

[External dimensions] (Unit : mm)



[Specifications]

Model	TRIPLE MIRROR PASSIVE SENSOR
Model number	PIR-T15WR (W) / (BL)
Detection system	Passive infrared (Triple mirror)
Detection area	Wide angle protection (80°) Detection distance : Max 15m(49'), 108rays (54pais)
Power supply	SAFT lithium-thionyl batteryLS33600(3.6VDC) x 1 or 2 pcs
Battery life	Approx. 3 years (at normal temperature, 100 times transmission/day with 1 battery, excluding wireless transmitte)
Contact operation	・Alarm output : One-shot operation when detecting intrusion ・Tamper output : Continuous output in the event og cover monitor error ・ Alarm + Tamper : Continuous output in the event of self diagnosis error /alignment position error ・ Low battery : Continuous output in the event of Low battery error
Alarm output	Contact method : Dry semi-conductor contact, N.C. Contact capacity : 3.6V DC 0.01A (resistive load)
Tamper output	Contact method : Dry semi-conductor contact, N.C. Contact capacity : 3.6V DC 0.01A (resistive load)
Low barttery output	Contact method : Dry semi-conductor contact, N.C. Contact capacity : 3.6V DC 0.01A (resistive load)
Battery power output	3.0 to 3.6V DC 65mA max. (1 or 2 new batteries)
Alarm LED	Red LED : Blinks during warm up Lights up when detection intrusion (only in test mode) Continuously blinks in the event of cover monitor error Continuously blinks in the even of alignment position error Continuously blinks in the event of self diagnosis error Continuously blinks in the event of low battery error
LED area checker	Red/Green LED : Continuously blinks in the event of alignment position error
Functions	Sensitivity selection, Operation mode selection, Self diagnosis, Low battery monitoring,Temperature compensation, LED area checker/ Alignment position monitoring, Environmental adjustment, Creep zone detection, Walk test
Mounting height	2.0 to 6.0 m (varies depending on operation mode) ・Low position mode : 2.0 to 2.7m (6.6' to 9') ・High position mode : 2.7 to 3.5m (9' to 11.5') ・Pet mode : 2.5 to 3.0m (8.3' to 10') ・High density : 2.0 to 6.0m (6.6' to 20')
Area angle adjustment	Horizontally ±45° (without steps : marked in every 5°) Veratically 17° （without steps）
Ambient temperature range	-20 to +60°C (no condensation and freezing) (Battery performance may deteriorate below 0°C or above +40°C.)
Mounting position	Indoor / outdoor wall (mountable on pole/ceiling using optional accessories)
IP rating	IP55
Weight	Approx. 850g (30oz) (excluding batteries)
Appearance	Body/Window : Resin (White) / (Black)

*Specifications are subject to change without notice.

[Options]

● Pole attachment <BP-32 >



● Pole attachment <BP-02 >



● Ceiling attachment <KP-32 >



TAKENAKA ENGINEERING CO., LTD.

Please note:
This sensor is designed to detect intrusion and to initiate an alarm; it is not a burglary or a crime preventing device. TAKEX is not responsible for damage, injury or losses caused by accident, theft, Acts of God (including inductive surge by lightning), abuse, misuse, abnormal usage, faulty installation or improper maintenance.

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