

COMPACT OUTDOOR DETECTOR **fit** series



fit for ALL

COMPACT
OUTDOOR
DETECTOR
fit
series



amplification through simplification



fit at home

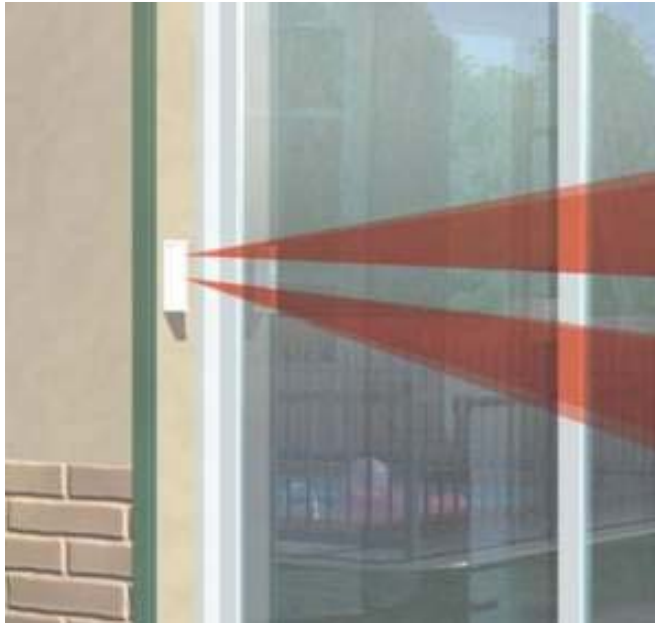


Compact design & Flexibility



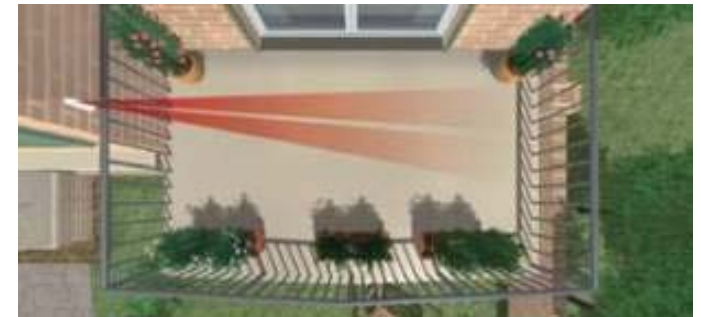
Compact design

Security is important but I don't want to disturb how my house looks.



Flexibility

"fit" is the perfect option for a balcony with greens because its detection area is so flexible.



fit at window



fit at poolside



fit at garage



fit at sidewalk



fit at balcony



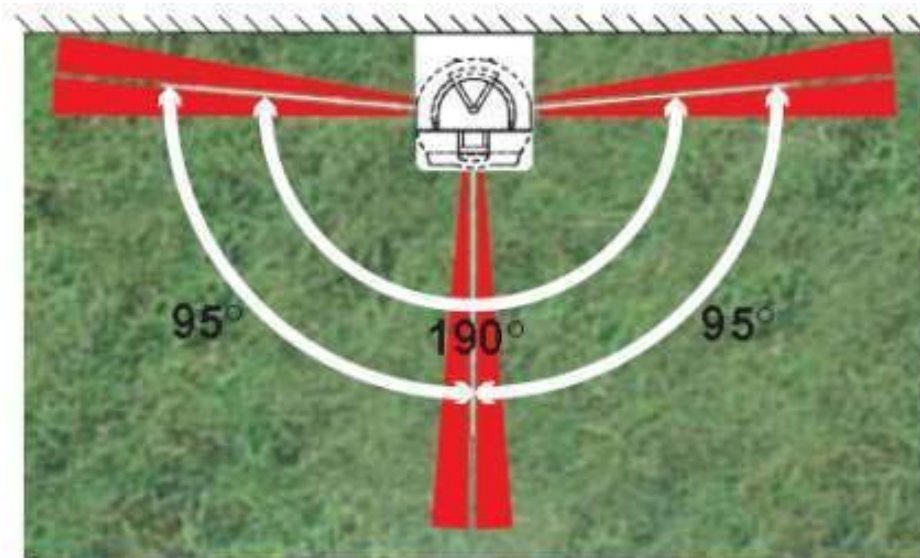
fit at front entrance



Product features



Built in bracket (190°)



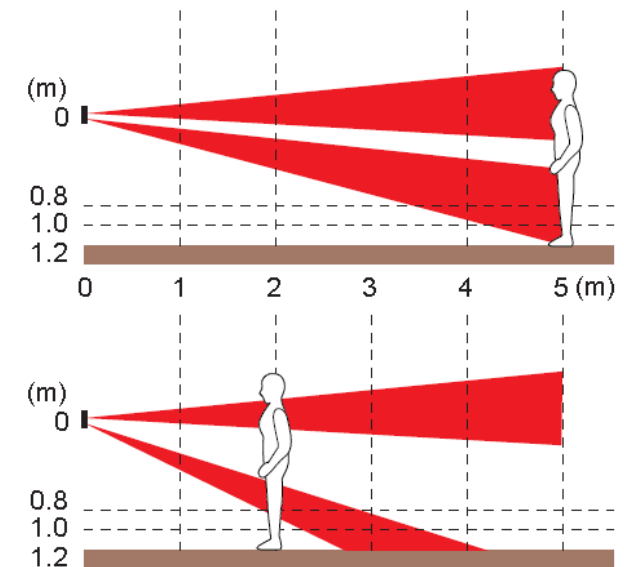
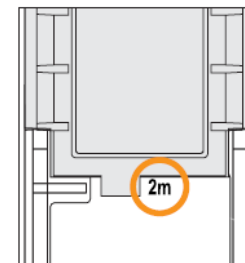
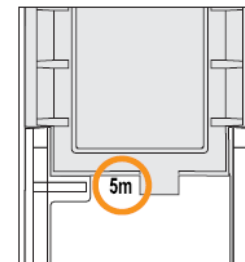
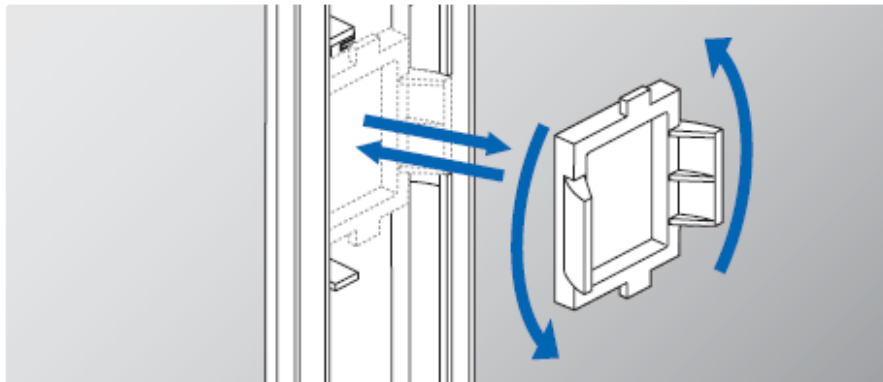
Built-in bracket enables horizontal alignment of 190 degrees.

Unwanted object can be avoided with ease.

Product features



5m/2m switchable lens

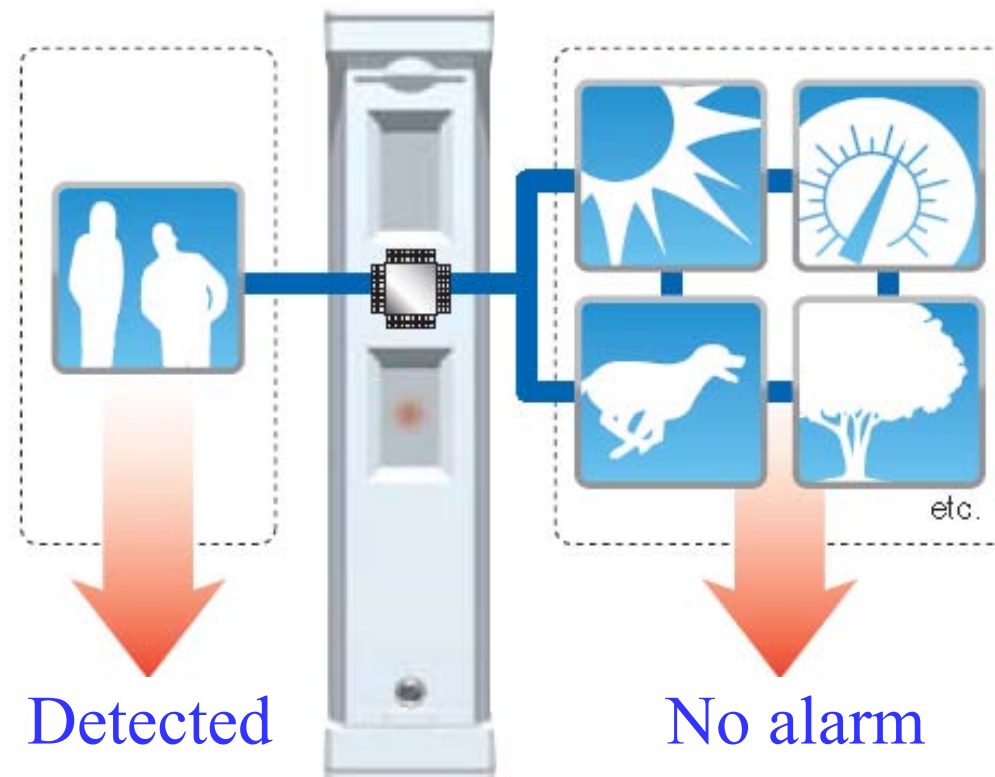


Changing the detection length is easy.

Adjust the mounting height or simply turn the lens upside down.

Product features

SMDA Logic



SMDA(Super Multi Dimension analysis) Logic brought the ultimate sensitivity optimization. Every motion is analyzed before signaling an alarm to reduce false and missed detections. Consequently environment reaction capability becomes 24 times more.

Battery operated model



FTN-R/RAM



Save installation time and cost

FTN-R/RAM are battery operated model and therefore requires no complicated wiring.

It saves installation time and cost.



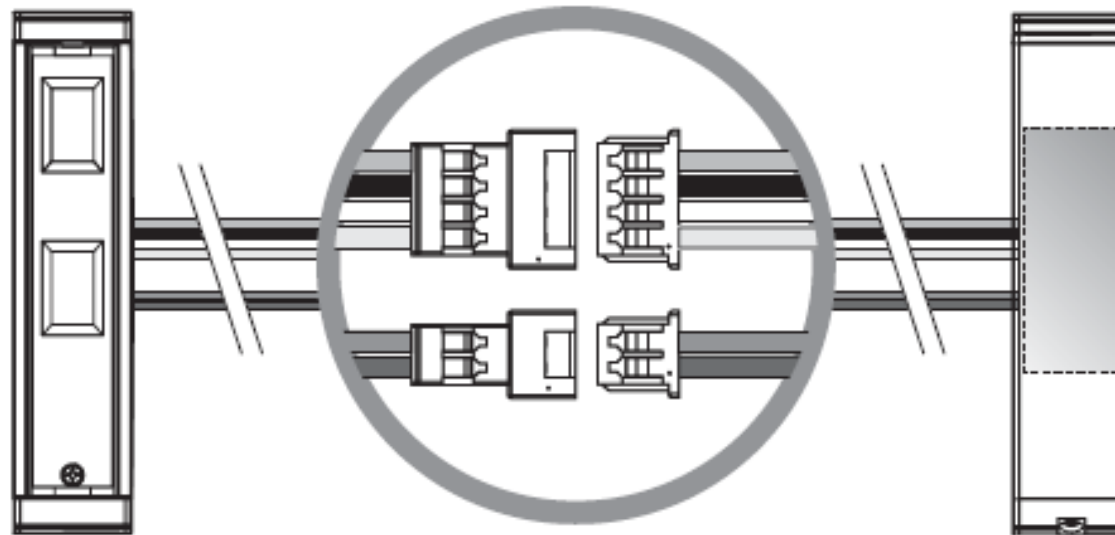
Maximum transmitter size

H130 X W30 X D35mm

(H5.12" X W1.18 X 1.38)

Battery operated model

Easy connection



FTN-R/RAM can be connected to the transmitter with connectors.

It makes installation and battery replacement much easier and quicker.

Battery operated model

**Stacking model
method**



**Top-to-bottom
method**



**Side-by-side
method**



OPTION

Wall tamper (WRS-03)

for FTN-R/RAM



Wall tamper (WRS-02)

for FTN-ST/AM





Sensing Innovation

Model



FTN-ST/AM



- Digital Anti-masking (AM only)
- 5m/2m narrow range
- 190° horizontal flexibility
- perfect pet immunity
- Super Multi Dimension Analysis Logic
- Double conductive shielding
- Intelligent AND logic

FTN-R/RAM



- complete battery operation
- Digital Anti-masking (RAM only)
- 5m/2m narrow range
- 190° horizontal flexibility
- perfect pet immunity
- Super Multi Dimension Analysis Logic
- Double conductive shielding
- Intelligent AND logic

SPECIFICATIONS

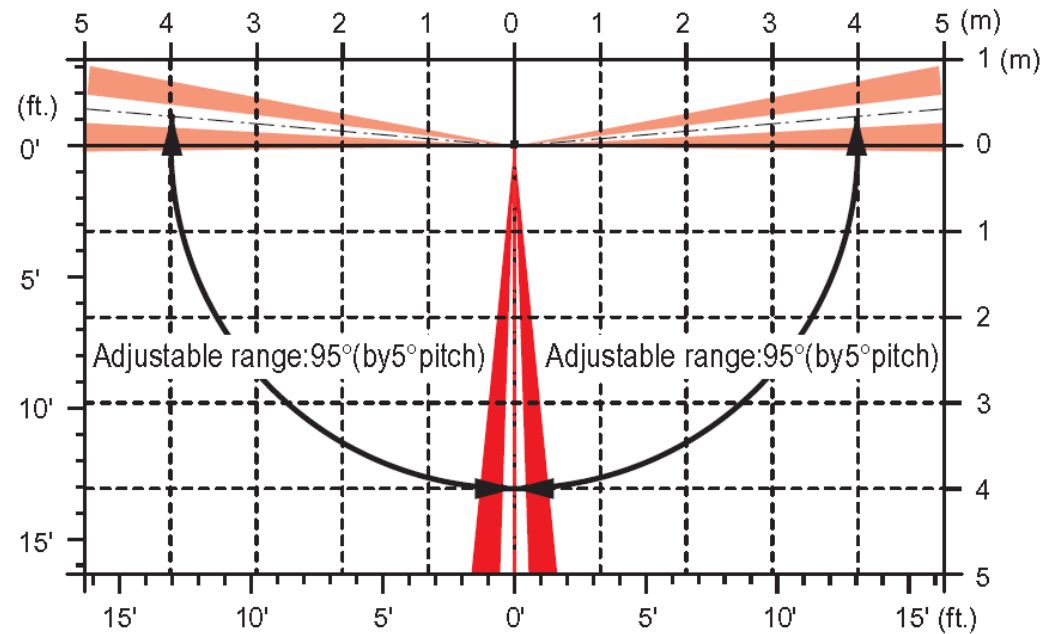


Model	FTN-ST		FTN-AM		FTN-R		FTN-RAM	
Detection method	Passive infrared							
PIR coverage	5×1m (16'5"×3'3")							
Detection length limit	2 m, 5 m (6'7", 16'5")							
Detectable speed	0.3 - 1.5 m/s (1' - 4'11"/s)							
Sensitivity	2.0°C (at 0.6 m/s) (3.6°F (at 2'/s))							
Operation voltage	9.5 - 18 V DC				2.5 - 10 V DC			
Power input	-				3 - 9 V DC (Lithium or Alkaline Battery)			
Current draw	17mA(max.) (at 12 V DC)		20mA(max.) (at 12 V DC)		9 μA(at stand-by) / 3mA(max.) (at 3 V DC)		10 μA(at stand-by) / 3mA(max.) (at 3 V DC)	
Alarm period	2.0 ±1.0sec.							
Warm-up period	Approx. 60 sec. (LED blinks)				Approx. 120 sec. (LED blinks)			
Alarm output	N.C./N.O. Selectable 28 V DC 0.1 A (max.)				N.C./N.O. Selectable-Solid State Switch 10 V DC 0.01 A(max.)			
Trouble output	N.C. 28 V DC 0.1 A (max.), open when the cover is removed.				N.C./N.O. Selectable-Solid State Switch 10 V DC 0.01 A(max.)			
LED indicator	Light/Blink: Warm-up, alarm, masking detection (FTN-AM only)				Enable: During DIP switch 1 (WALK TEST MODE) or DIP switch 4 (LED) ON Disable: During normal operation Light/Blink: Warm-up, alarm, masking detection (FTN-RAM only)			
Operation temperature	-20 - +60°C (-4 - +140°F)							
Environment humidity	95% max.							
Weatherproof	IP55							
Mounting	Wall (Outdoor, Indoor)							
Mounting height	0.8 - 1.2 m (2'7" - 3'11")							
Weight	100 g (3.5 oz.)				190 g (6.7 oz.)			
Accessories	screw (3×20 mm)×2				Connector for POWER and ALARM, connector for TROUBLE, plate nut×2, screw (M3×10 mm)×2, screw (3×20 mm)×4, sponge for transmitter			

*Specifications and design are subject to change without prior notice.

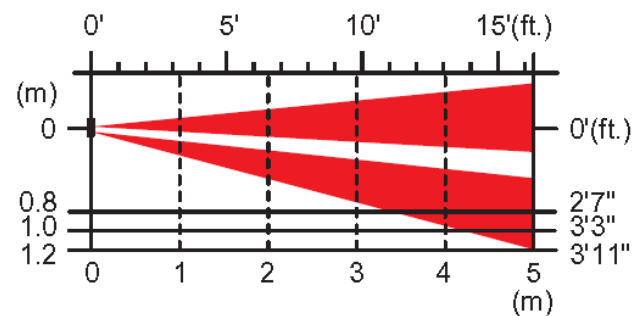
COVERAGES

Top view

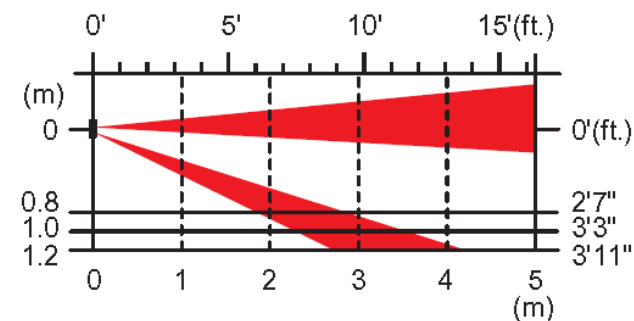


Side view

5m detection length

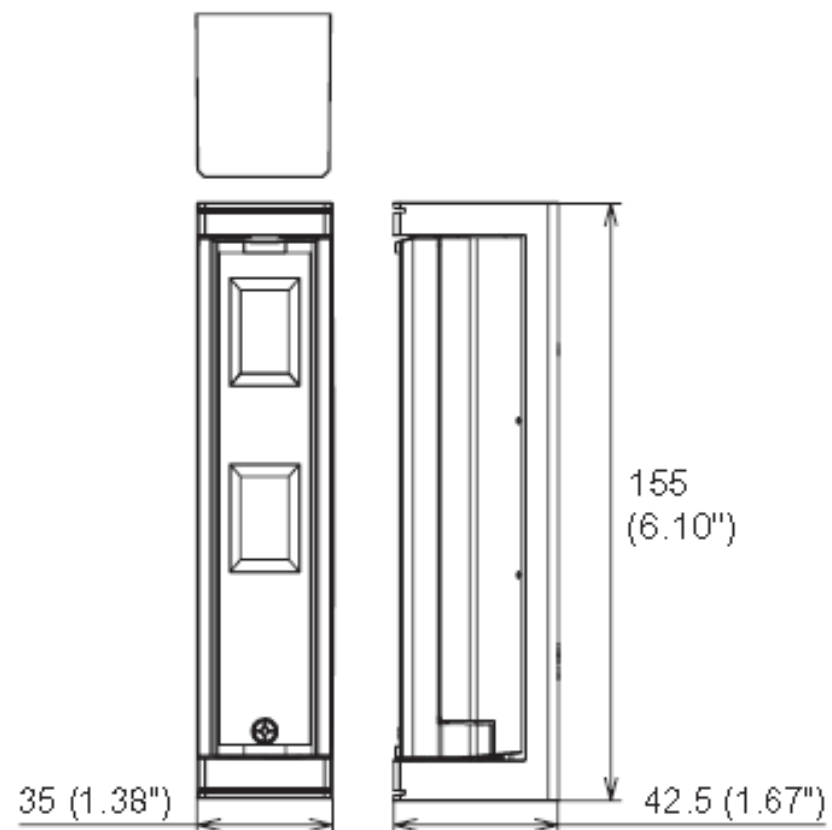


2m detection length

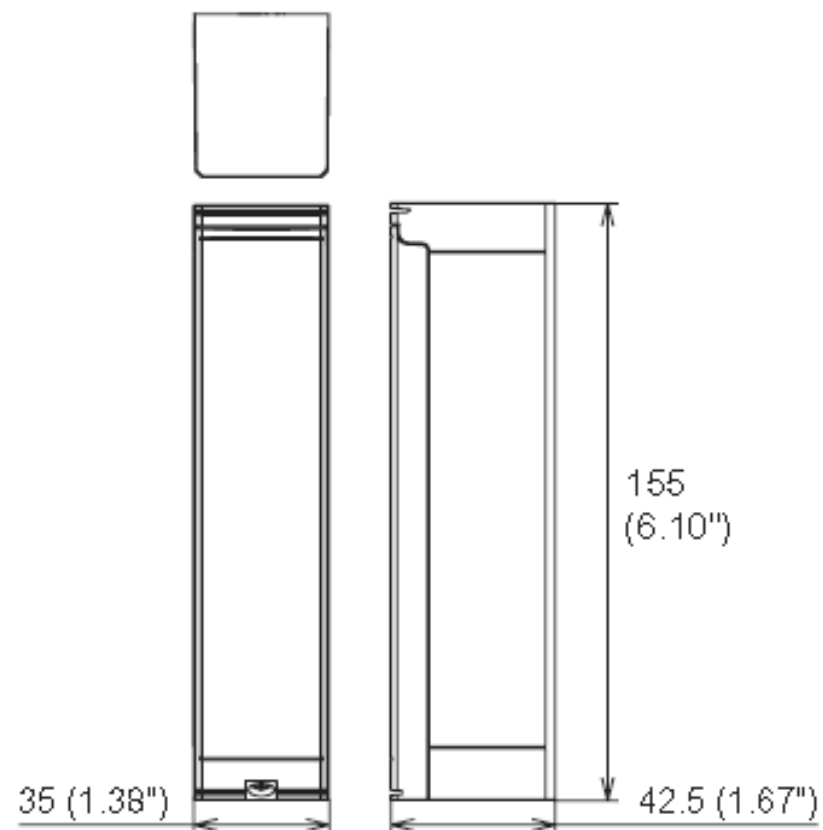


DIMENSION

Main unit



Separate box



Unit: mm (inch)