

COMPACT
OUTDOOR
DETECTOR

fit
series



fit for ALL

not only for a garden but also for a balcony
not only for a wall side but also an area protection
not only for a daytime but also for a nighttime

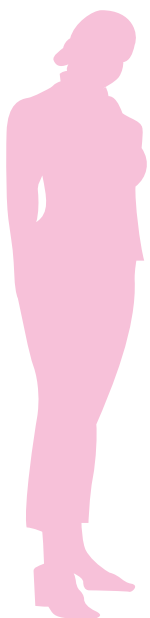


*Introducing No.1
OPTEX advantage.*



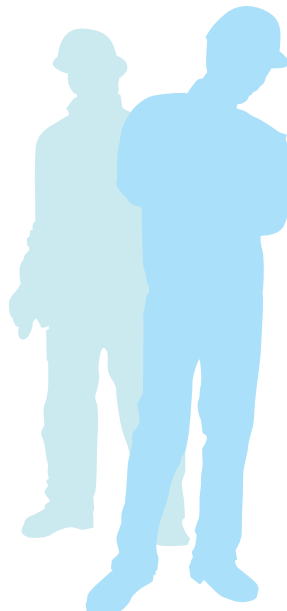
fit at home

amplification through simplification



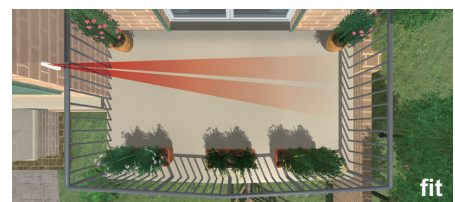
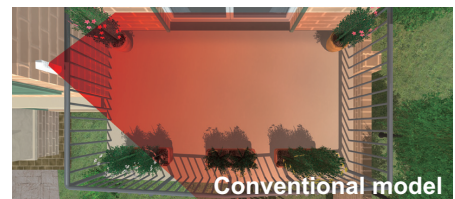
Compact design

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



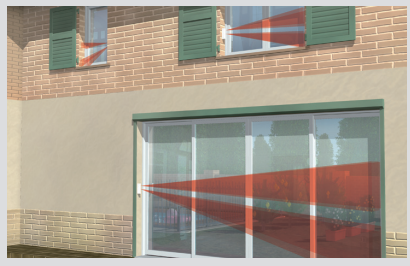
Flexibility

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

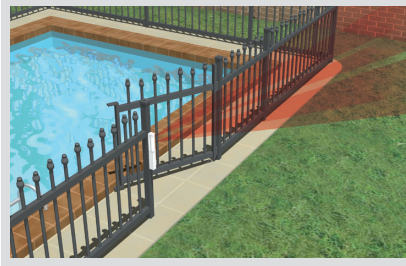


fit for ALL

fit at window



fit at poolside



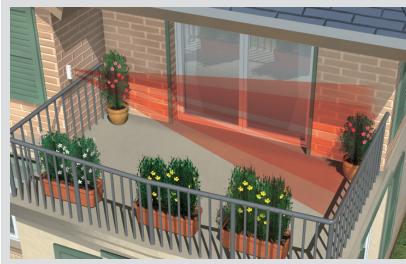
fit at garage



fit at sidewalk



fit at balcony

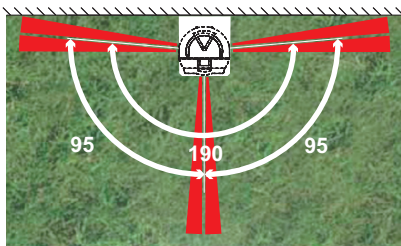


fit at front entrance

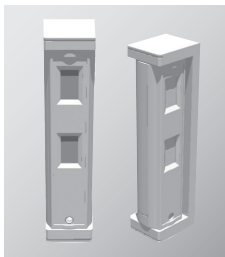


Product features

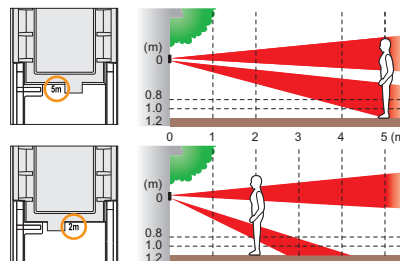
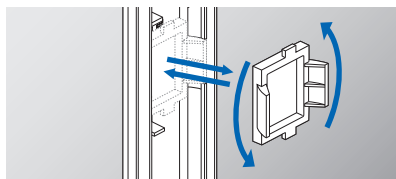
Built in bracket (190°)



Built-in bracket enables horizontal rotation of 190 degrees. Unwanted object can be avoided with ease.



5m/2m switchable lens



Changing the detection length is easy. Adjust the mounting height or simply turn the lens upside down.

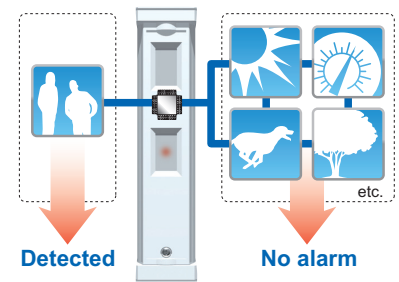
SMDA Logic

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.

environmental capability



SMDA logic



Battery operated model

Model FTN-R/RAM

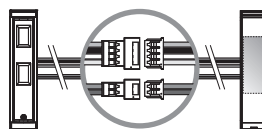
Save installation time and cost

FTN-R/RAM are battery operated model and therefore requires no complicated wiring. It saves installation time and cost.



Easy connection

FTN-R/RAM can be connected to the transmitter with connectors. It makes installation and battery replacement much easier and quicker.



Maximum transmitter size

H130 X W30 X D35mm
(H5.12" X W1.18 X 1.38)

Multi fixing separate box

Stacking method



Side-by-side method



Top-to-bottom method



*1. According to our survey on March, 2010.

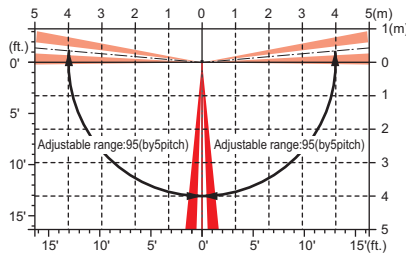
SPECIFICATIONS

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	2.0C (at 0.6 m/s) (3.6F (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 - +60C (-4 - +140F)			
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	

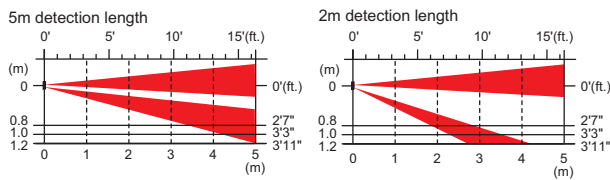
*Specifications and design are subject to change without prior notice.

COVERAGES

Top view

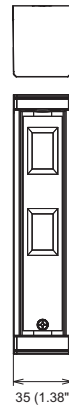


Side view

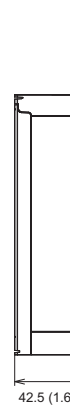


DIMENSIONS

Main unit



Separate box



Unit: mm (inch)

OPTIONS

Wall tamper (WRS-02)

for FTN-ST/AM



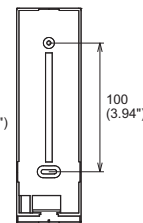
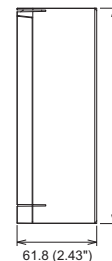
Wall tamper (WRS-03)

for FTN-R/RAM

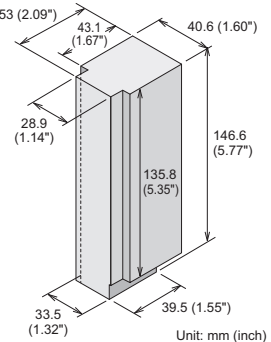


FTN-R/RAM BIG BACK BOX (FTN-R/RAM BBB)

DIMENSIONS



Dimensions of the wireless transmitter installation space in the back box.



Unit: mm (inch)



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