

CX-502AM_{plus}



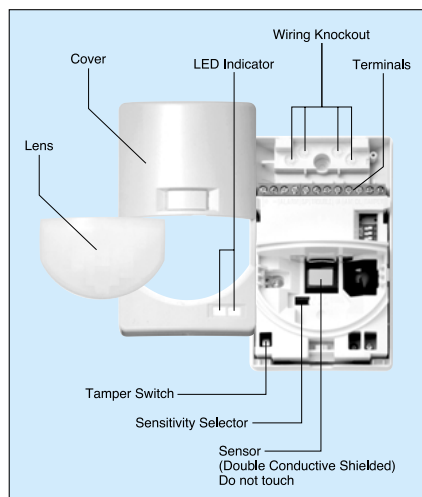
Trouble Free Performance

Optex's Multi Anti-Masking Technology prevents any interference with the lens

- A brand new S.L.P. Technology design for uncompromising anti-masking performance
- Double Conductive Shielding of Pyroelectric Element for outstanding immunity to sunlight and RFI
- Quad Zone Logic prevents false alarms caused from spot temperature changes
- Low Current Draw, Anti-Magnet and Silent Photo-Moss Relay

Passive Infrared Detector

CX-502AM_{plus}



■ Advanced Digital Temperature Compensation

■ Alarm Memory & Initial Alarm Memory

■ Self-Checking

■ ARM/DISARM Status Recognition

■ Sealed Optics

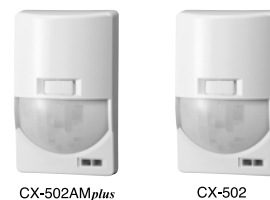
FEATURES

■ S.L.P. (Spherical Lens Protection) Technology

Newly designed advanced S.L.P. Technology (Spherical Lens Protection Technology) enables consistent sensitivity against masking across the surface of the PIR lens, the core part of passive infrared intruder detection.

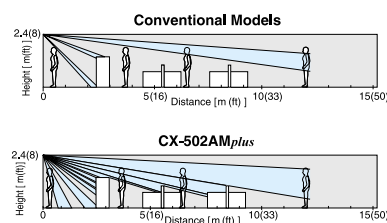
■ Discreet Appearance

The discreet appearance of CX-502AM_{plus} is identical to that of the standard CX-502 model.



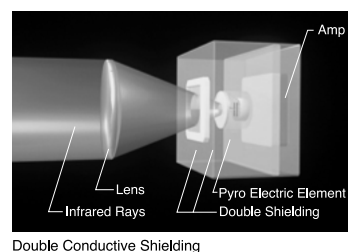
■ Quad Zone Logic (Patent Listed)

Quad Zone Logic creates an extremely high vertical zone density and these taller zones capture the entire body mass of a person and enable detection of the smallest temperature contrast between them and the background. In addition, the vertical detection density takes into account dead zones created by furniture or partitions.



■ Double Conductive Shielding of the Pyroelectric Element (Patent Listed)

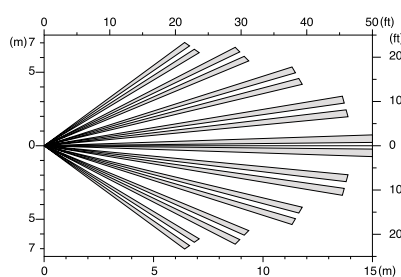
Double filtering and conductive metal shielding of the Pyro block out visible light and RFI, allowing only infrared energy to reach the pyroelectric elements.



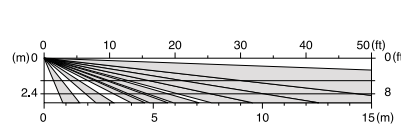
DETECTION PATTERNS

CX-502AM_{plus} : WIDE ANGLE

TOP VIEW



SIDE VIEW

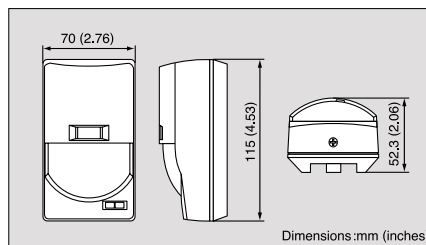


SPECIFICATIONS

Model	CX-502AM _{plus}
Detection method	Passive infrared
Coverage	Wide angle 85° wide 15m x 15m (50ft x 50ft)
Detection zones	82 zones
Mounting height	1.8 ~ 3.0m (6 ~ 10ft)
Sensitivity	1.6° C (3° F) at 0.6m/sec (2ft / sec)
Detectable speed	0.3 ~ 1.5m/sec (1 ~ 5ft / sec)
Power input	9 ~ 18VDC
Current draw	7mA (normal) / 15mA (max.)
Alarm memory	Selectable positive or negative control
Initial alarm memory	Selectable positive or negative control
Alarm period	2.0 ± 0.5sec
Alarm output	N.C. 28VDC 0.2A max.
Tamper switch	N.C. Opens when cover is removed. 28VDC 0.1A max.
Warm-up period	Approx. 1 min. (LED blinks)
LED indicator	Red and Yellow LED : blinks during warm-up period Red LED : Alarm, Alarm Memory and Initial Alarm Memory indicator Yellow LED : Anti-Masking, Self-Checking indicator
D.L.terminal	Selectable positive or negative control
Trouble output	N.C. 28VDC 0.2A max.
RF interference	No alarm 30V/m
Operating temperature	-20°C ~ +50°C (-4°F ~ +122°F)
Environment humidity	95% max.
Weight	120g (4.2oz)

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

DIMENSIONS



Bracket

FA-3 : Compact Wall & Ceiling Mount Bracket

EA-1W : Wall Mount Bracket

FA-1W : Multi-Angle Wall Bracket

FA-2C : Multi-Angle Ceiling Bracket



Other Version

CX-502

Standard Model
without Anti-Masking



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