360° Ceiling Mount Detector

OPT-FX-360

Sleek, Compact & Cost Effective Detector

EliteControl

Features

- 360° Passive infrared detector
- Hard spherical lens
- False alarm protection
- LED indicator (on/off switch)
- 62 Detection zones

Detection with **OPTEX** | 2 Year **Warranty**

Feaures

■Originally Designed Hard Spherical Lens
The FX-360's hard spherical lens is designed with precision—an original feature that enables this detector to provide reliable detection throughout its 360˚ area.

■False Alarm Protection
The FX-360 prevents false alarms caused by environmental changes or insensitivity to high temperatures.
•RFI Protection
No alarm at 20V/m from 100MHz. to 1GHZ.
•Temperature Protection
No alarm during temperature changes from -20˚ to +50˚C at 1.7˚C/min.(-4˚ to +122˚F at 3˚F/min.)
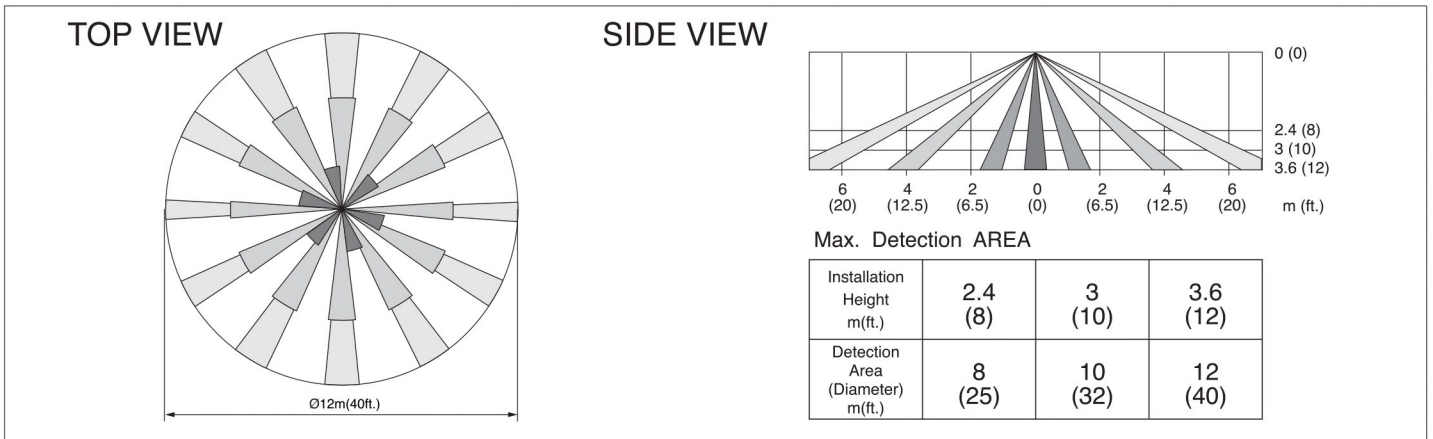•Noise Reduction Circuit
•Selectable Pulse Count: 2,4.

■Advanced Quality Control
•Computerized S.M.D. Technology Using robotics to mount miniaturized chip components ensures a smooth and uniform production level of high quality.

•Running Test on every circuit board All circuit boards sustain a "Burn-in" test for many hours.

■Other Features
•LED On/Off Switch
•Warm-up Indicator

Detection Patterns

TOP VIEW

Ø12m(40ft.)

SIDE VIEW

0 (0)
2.4 (8)
3 (10)
3.6 (12)

6 (20) 4 (12.5) 2 (6.5) 0 (0) 2 (6.5) 4 (12.5) 6 (20) m (ft.)

Max. Detection AREA

Installation Height m(ft.)	2.4 (8)	3 (10)	3.6 (12)
Detection Area (Diameter) m(ft.)	8 (25)	10 (32)	12 (40)

Specifications

Model	FX-360
Detection method	Passive Infrared
Coverage	Ø8m ~ Ø12m(Ø25ft. ~ Ø40ft.) Height: 2.4m ~ 3.6m(8ft. ~ 12ft.)
Detection zones	62 zones
Sensitivity	1.6˚C(3˚F) at 0.6m/sec.(2ft./sec.)
Detectable speed	0.3 ~ 1.5m (1 ~ 5ft./sec./sec.)
LED indicator	LED blinks during warm-up period
	Alarm condition
Alarm period	2.0±0.5sec.
Alarm output	N.C. 28V DC 0.2A max.
Tamper switch	N.C. Opens when cover removed.
Pulse count	20±5sec. 2 or 4
Warm-up period	Approx. 30sec. (LED blinks)
Power input	9.5 ~ 18V DC
Current draw	17mA/(normal) 18mA/(max.)
Weight	140g(4.90oz.)
Operating temperature	-20˚C ~ +50˚C(-4˚F ~ +122˚F)
Environment humidity	95% max.
RF interference	No Alarm 20 V/m

※Specifications and design are subject to change without prior notice.
NOTE: This unit is designed to detect movement and activate an alarm control panel. Being only a part of a complete system, we cannot assume responsibility for theft or damages, should they occur.

Dimensions

37(1.46)
Ø120(4.72)

Dimensions : mm(inch)

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