

# 360° CEILING MOUNT PASSIVE INFRARED DETECTOR

# FX-360



## FEATURES

### ■ 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.

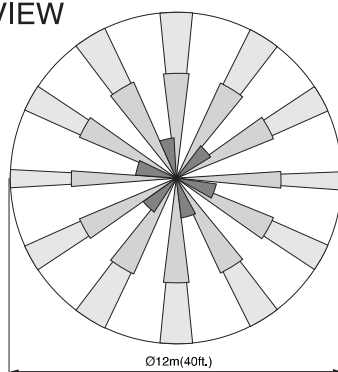
### ■ Other Features

•LED On/Off Switch

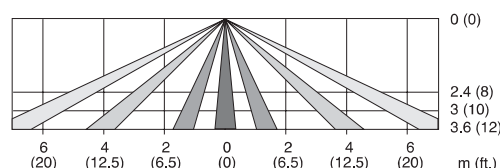
•Warm-up Indicator

## DETECTION PATTERNS

TOP VIEW



SIDE VIEW



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

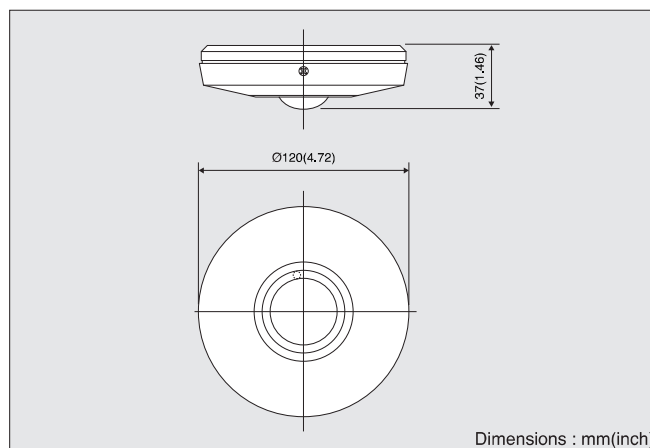
Model	FX-360
Detection method	Passive Infrared
Coverage	Ø8m ~ Ø12m (Ø25ft. ~ Ø40ft.) Height: 2.4m ~ 3.6m (8ft. ~ 12ft.)
Detection zones	62 zones
Sensitivity	1.6°C (3°F) at 0.6m/sec. (2ft./sec.)
Detectable speed	0.3 ~ 1.5m (1 ~ 5ft./sec./sec.)
LED indicator	LED blinks during warm-up period
Alarm period	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.

UL LISTED : FX-360 VDS LISTED: FX-360-VG196506

## DIMENSIONS



Dimensions : mm (inch)



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