

# UFO

360° Ceiling Mount Passive Infrared Detector

## IR-363

### GENERAL

UFO is a 360° ceiling mount passive infrared detector with outstanding detection performance and supreme reliability that meet demands of all kinds of security systems. This motion detector employs an omnidirectional infrared sensor and a reliable electronic circuit to provide second-to-none intruder detection.

### SPECIFICATIONS

- Infrared sensor..... Omni-directional, dual element
- Power supply ..... 9 ~ 16 VDC (12 V typical)
- Alarm output ..... N.C/N.O, 30 VDC, 0.2A max.
- Alarm period ..... 3 ± 1 sec.
- Alarm LED ..... Red, can be disabled
- Current drain..... 14 mA, 12 VDC (standby)
- Mounting height (H)..... 2.4 ~ 4.2m
- Detection coverage..... 2.5 x H (high sensitivity)
- Pulse count ..... 2 / 3 selectable
- Warm up time ..... Approx. 30 seconds (LED on)
- Tamper switch ..... N.C cover open activates
- RFI immunity..... Ave. 25V/m (10~1000 MHz)
- Temperature ..... -20°C ~ 50°C (-4°F ~ 122°F)
- Humidity..... 95% RH max.
- Dimensions ..... 110 (dia.) x 44mm

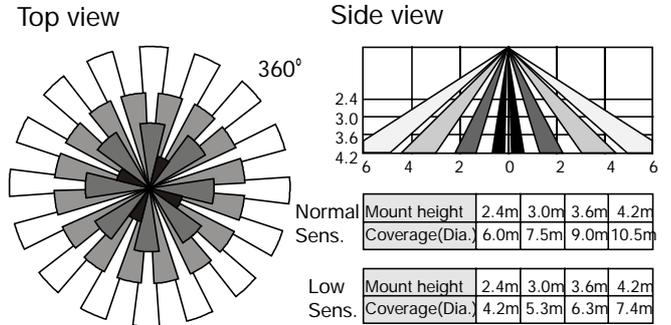
*To continue improving product quality, manufacturer reserves the right to alter specifications without prior notice.*

### INSTALLATION HINTS

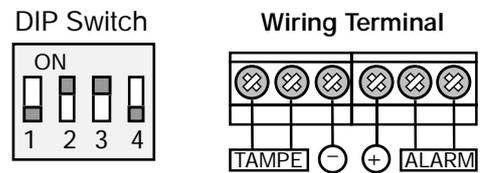
1. The **UFO** should be mounted on a firm section of ceiling and located for optimum coverage..
2. Do not install where the detector is exposed to direct or mirror-reflected sunlight.
3. Make sure the detection area does not have obstruction which may block the detection zones.
4. Avoid running the alarm cable close to heavy duty electrical mains cable.
5. Avoid locating the detector in areas which contain objects likely to produce a rapid change in temperature, such as heater, radiator, vent, air conditioner, open flame...etc.

## Installation Instructions

### DETECTION PATTERN



### DESCRIPTION



DIP Switch Configuration

Sw No.	1	2	3	4
Sw. Def.	Pulse count	Alarm output	Alarm LED	Detection sensitivity
ON	2	NC	ON	Low
OFF	3	NO	OFF	Normal

Reverse white blocks represent factory set position.

### INSTALLATION & WIRING

1. Loosen the cover locking screw and open the cover. Carefully bend the clamp and remove the PC board unit from the bottom base.
2. Knockout the adequate cable access and mounting holes, mount the bottom base at the selected location on the ceiling. If recess mount is desired, an 86 mm (dia.) hole will be needed.
3. Lead the alarm cable through the access hole and connect the wires on the corresponding terminals according to the following instructions;

**TAMPER** : Tamper switch contact (N.C)

⊕ ⊖ : 9 ~ 16 VDC power supply

**ALARM** : Alarm signal output (N.C / N.O)

4. Replace the cover and fasten the locking screws. Apply DC power supply, then walk test can be proceeded.