

Opening the appropriate knockouts required for installation. The unit includes knockouts for mounting and wiring.

Step 3. Mounting

Insert the cable through the hole you opened and mount the bottom part in its final location. Seal the cable hole and any other opening with a sealant (RTV or alike).

Step 4. Terminal Wiring

Wire the cable to the terminal block at the bottom of the PC Board as follows:(FIG.2)

12VDC: Power supply inputs

Alarm: N.C dry contacts

Tamper: N,C dry contacts

Note: ensure that cover is installed after mounting and wiring. Do not check or test detector with out closed.

Step 5. Walk Test

Replace front cover

Apply power and wait until stabilized (>2 minutes)

Walk through protection area.

Observe LED, and switch the "LED" to "ON". The number of pluses need to activate the alarm can be set to "1", "2" or "3".

Optical Features

The following is a description of featrues of iDo family.

Main Features

- ◆ 360°look down capability and 110°sensor opening
- ◆ Mount height up to 6.8M for iDo305CM 4.0M for iDo304CM

- ◆ Microprocessor Design
- ◆ True Temperature Compensation
- ◆ Pigmented Lenses
- ◆ Low Current Consumption
- ◆ High RFI immunity for false alarm prevention 20V/M up to 1GHz
- ◆ Free swivel Brackets for Ceiling Mounting
- ◆ Selectable Pulse Count
- ◆ White Light protection
- ◆ Anti-Fluorescent Interference Signal Processing
- ◆ Easy installation
- ◆ Compact and Attractive design
- ◆ Ideal for Residential installations
- ◆ Memory and Form-C Relay Models Available

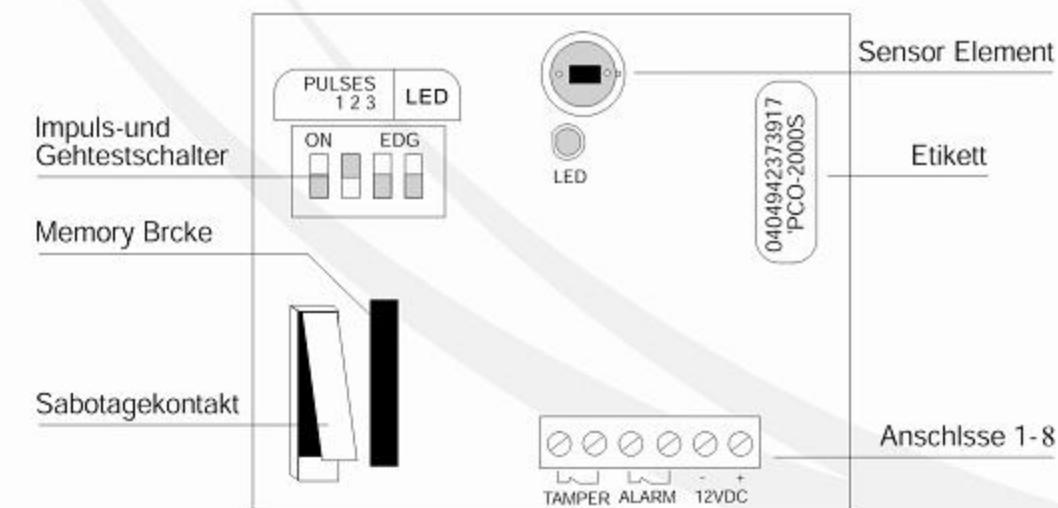


FIG.2

Main Features

- Operating Voltage: 9 to 16VDC
- Current: 15mA at 12 Volts
- Alarm Contracts: 50mA,24VDC,NC
- Tamper Contacts: 500Ma ,24VDC,NC
- Alarm Time: 2.2s min
- Warm time: 2 minutes
- RF immunity: 30V/m at 10Mhz to 1Ghz
- Operating Temperature: -0°C to 50°C
- Storage Temperature: -20°C to 60°C
- Size: φ 130×26mm
- Mounting Fashion: Ceiling



FIG.1

General Discriptions

Ceiling mount detectors are the result of ROISCOK's extensive expertise in developing security systems. It's 360° overview and 110° wide angle and mounting height reach up to 6.8M or 4.0M. Do not mount the unit in direct sunlight or near heat sources.

Installations Procedure

Step 1. Opening The Cover

Turn the cover clockwise to open.

The turning movement will release the 4 latches locking the cover to the base of the unit.(FIG.1)

Step 2. Opening Knockouts

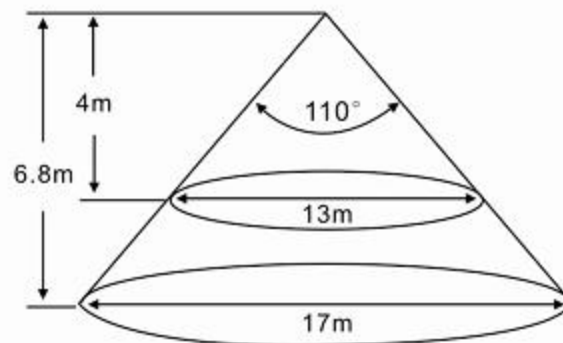


FIG.3 Isometrische Darstellung

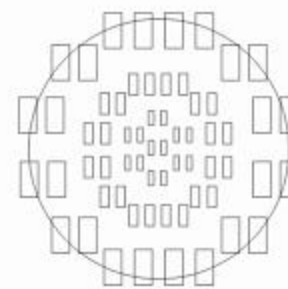


FIG.4

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Seller does not represent that its products may not be compromised or circumvented that the product will prevent any persona, injury or property loss by burglary, robbery, fire or otherwise; or that the product will in all cases provide

**iDo304CM/iDo305CM
Dual Infrared Ceiling Detector**



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adequate warring or protection. Buyer understands that a properly installed and maintained alarm may only reduce the risk of burglary, robbery, fire without warning, but it is not insurance or a guarantee that such will not occur or that there will be no personal injury or property loss as a result. Consequently, Seller shall have no liability for any personal injury, properly damage or loss based on a claim that the product fails to give warning. However, if seller is held liable, whether directly or indirectly, for any loss or damage arising under this limited warranty or otherwise, regardless of cause of origin, sellers maximum liability shall not exceed the purchase price of the product, which shall be the complete and exclusive remedy against seller. No employee or representative of Seller is authorized to change this warranty in any way or grant any other warranty. All products should be test at least once a week.

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