

Jumper Settings

Set jumper in position corresponding to the desired pulse count(Fig.7)

Specifications

- Operating Voltage:9 to 16VDC
- Current:12mA at 12 Volts
- Alarm Contracts:0.1 amps,24Voltes,NC
- Tamper Contacts:0.1 amps,24Voltes,NC
- Alarm Time:2.2s min
- Warm time:2 minutes
- RFI immunity:25V/m at 10Mhz to 1Ghz
- Operating Temperature:-10°C to 50°C
- Storage Temperature:-20°C to 60°C
- Size:128×64×40mm
- Pet Immunity:35kg
- Mounting Fashion:Wall/Ceiling/Corner
- Swivel Brace:RA93

Preliminary Considerations

Choose the mounting location after careful consideration of the protected area.The iDo302D iDo302DPT should be located so that an intruder will cross the infrared beam pattern at an angle closest to perpendicular. Do not mount the unit in direct sunlight or near heat sources(Fig.1)

Installations

- Open the cover(Fig.2)
- Punch out Knockout(Fig.3)

Terminal Connections

- Wire the cable to the terminal block at the bottom of the PC Board as follows(Fig.4);
- 12VDC:Power supply inputs
- Alarm:N.C dry contacts
- Tamper:N.C dry contacts

iDo302D/iDo302DPT PIR Motion Detector



Walk Test

- Replace front cover
- Apply power and wait until stabilized(>2 minutes)
- Walk through protection area(FIG.1) Observe LED,confirm detection coverage adjust swivel if necessary. When completed tighten the screw tighten the holding screw to secure the PC board.
- Do a walk test as described below and readjust as necessary until a desired coverage pattern is reached.

- Free swivel Brackets for wall & ceiling/corner 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.1

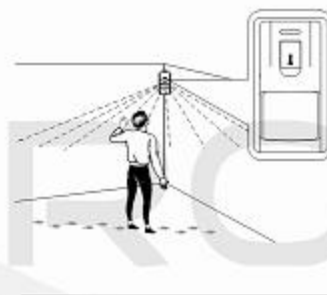


FIG.2



FIG.3

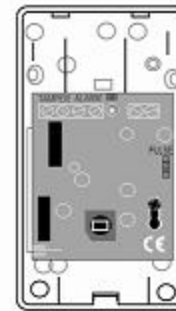


FIG.4

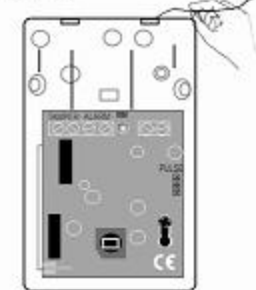


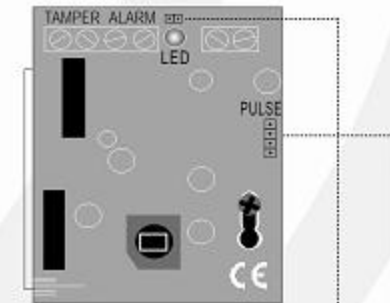
FIG.5



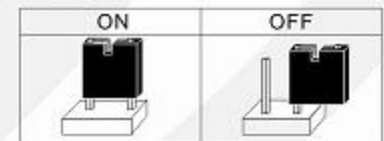
FIG.6



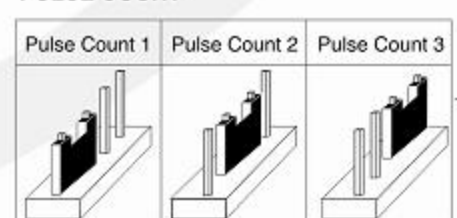
FIG.7



LED ON/OFF



PULSE COUNT



Specification

- Coverage:10m×10m
- Microprocessor Design
- True Temperature Compensation
- Pigmented Lenses
- Improved false alarm immunity
- Low Current Consumption
- High RFI immunity for false alarm prevention 20V/M up to 1Ghz