# DS-PI-TXX Series

## Triple Beam Photoelectric Detector

DS-PI-TXX series Triple Beam Photoelectric Detector is composed of a transmitter and a receiver. The receiver will alarm when the IR beams between the transmitter and the receiver are fully interrupted. The detector can be widely used in windows, fences and walls for intrusion detection.

## AVAILABLE MODEL

DS-PI-T50，DS-PI-T100，DS-PI-T150，DS-PI-T200, DS-PI-T250

## MAIN FEATURES

- Detection Range: 50/100/150/200/250
- High power triple beam
- Clear Viewfinder Visibility
- Fine Angle Adjustment for Alignment
- Rain, Dust & Insect Protection
- Frost & Dew Protection
- High Grade Aspherical Lens

## SPECIFICATION

| Model | DS-PI-T50 | DS-PI-T100 | DS-PI-T150 | DS-PI-T200 | DS-PI-T250 |
|---|---|---|---|---|---|
| Alarm Distance | 50m | 100m | 150m | 200m | 250m |
| Max reaching distance | 500m | 1000m | 1500m | 2000m | 2500m |
| Beams NO. | 3 beams | | | | |
| Detecting Way | 3 beams Intercepted simultaneously | | | | |
| Light Source | Digital Pulse IR LED | | | | |

| Response Time | 35~700ms | | | | |
|---|---|---|---|---|---|
| Alarm Output | FORM C(NO/NC changeable), Contact ratings DC 30V 0.5A max. | | | | |
| Supply Voltage | DC10.5~28V(non-polarity) | | | | |
| Recommend supply Voltage | DC 12V or 24V(non-polarity) | | | | |
| Supply Current | 70mA | 90mA | 95mA | 100mA | 105mA |
| Operation Temperature Range | -25°C~+55°C | | | | |
| Tamper Output | Contact Output 1b DC 30V 0.05A max | | | | |
| Optic axis adjust angle (Horizontal) | 180°(±90°) | | | | |
| Optic axis adjust angle (Vertical) | 16°(±8°) | | | | |
| Sight | Removable type | | | | |
| Strategy to dew/frost | Ultrasonic structure | | | | |
| Other additional functions | Receiving light Indicate 、 OK Indicate 、 Testing Terminal | | | | |
| Material | PC front cover; ABS Back Cover | | | | |
| Environmental humidity | ≤95%RH | | | | |
| Dimensions (H×W×D) | 270mm×90mm×90mm | | | | |
| Weight | Around 1100g ( Transmitter and Receiver ) | | | | |