

# DS-PI-DXX/FM Series

## Dual Beam Selectable Frequency Photoelectric

DS-PI-DXX/FM series Dual Beam Selectable Frequency 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-D30/FM, DS-PI-D40/FM , DS-PI-D60/FM , DS-PI-D80/FM , DS-PI-D100/FM

### MAIN FEATURES

- Frequency Modulation: Ch1-Ch4
- Detection Range: 30/40/60/80/100
- High power dual beam
- Clear Viewfinder Visibility
- Fine Angle Adjustment for Alignment
- Rain, Dust & Insect Protection
- Frost & Dew Protection
- High Grade Aspherical Lens

### SPECIFICATION

Model	DS-PI-D30/FM	DS-PI-D40/FM	DS-PI-D60/FM	DS-PI-D80/FM	DS-PI-D100/FM
Alarm Distance	30m	40m	60m	80m	100m
Max reaching distance	300m	400m	600m	800m	1000m
Beams NO.	2 beams				
Detecting Way	2 beams Intercepted simultaneously				
Light Source	IR LED				
Response Time	50~500ms				
Channel Choice	4 Channels CH1~CH4				

Alarm Output	FORM C(NO/NC changeable), Contact ratings DC 30V 0.5A max.				
Supply Voltage	DC10.5~24V (non-polarity)				
Recommend supply Voltage	DC 12V (non-polarity)				
Supply Current	45mA	45mA	50mA	55mA	55mA
Operation Temperature Range	-25°C~+60°C				
Tamper Output	Contact Output 1b DC 30V 0.05A max				
Optic axis horizontal adjust	180°(+90°)				
Optic axis vertical adjust	20°(±10°)				
Sight	one-piece				
Strategy to dew/frost	Ultrasonic structure				
Other additional functions	Receiving light Indicate 、 OK Indicate 、 Testing Terminal				
Material	PC front cover; ABS Back Cover				
Dimensions (H×W×D)	194.5×83×82mm				
Weight	Around 850g ( Transmitter and Receiver )				