



Photoelectric Detector



Broken Protection



Easy & Fast Install



Bracket Included

50/100/150/200/250
QUAD BEAMS

Quad Photoelectric Detector



30/60/80/100
TWIN BEAMS



50/75/100/150/200/250
TRIPPLICATE BEAMS



50/100/150/200/250
QUAD BEAMS

Features

- Digital Beams with 8-Channel Selectable Frequencies
- Industrial Level IR transmitter with 5-8 years of life span
- Lightning and Surge Protection
- Frost and Dew Prevention
- Automatic Gain Control Circuit
- 99.5% Beam Blocking Stability
- 8-10 Level LED Lights for Quick Alignment (PBY & PBZ Series)
- Wireless Alarm Output Module (Optional)
- High Grade Aspherical Lens
- Wide Voltage Power Input: DC10-24V/AC10-18V
- Adjustable Beam Response Time: 50-700msec
- Built-in or Removable View Finder
- NC. NO Alarm Output
- PC Resin, IP55
- Intelligent Heater (Optional)

Characteristic



Superior IR Transmitter
- Industrial level IR transmitter
- 5-8 years of working life span



3 Years of Warranty
- Offering PCBA for replacement
- Offering device and components
- Offering finished products



Protection and AGC Circuit
- Lightning and Surge protection
- Amplifier and DSP circuit
- Finishing painting on the PCBA



Intelligent Heaters
- Automatic ON / OFF
- Mental heating units
- Easy installation



High Grade Aspherical Lens
- Crystal acrylic lens
- Accurate aspherical value for effective light transmission and receiving



Wiring Terminal
- Removable wiring terminal
- Stable and convenient



Superior PC Resin
- Shielding unnecessary lights
- High and low temperature resistant
- Vandal proof and Flexible



Wireless Module
- Designed for IVTEX control panel
- Saving labouring and cable cost

Specification

Model	30 / 60 / 80 / 100	50 / 75 / 100 / 150 / 200 / 250	50 / 100 / 150 / 200 / 250
Distance (Outdoor)	30m / 60m / 80m / 100m	50m / 75m / 100m / 150m / 200m / 250m	50m / 100m / 150m / 200m / 250m
Distance (Indoor)	90m / 180m / 240m / 300m	150m / 225m / 300m / 450m / 600m / 750m	150m / 300m / 450m / 600m / 750m
Detection System	Simultaneous blocking of 2 infrared beams	Simultaneous blocking of 3 infrared beams	Simultaneous blocking of 4 infrared beams
Response Time	50msec. to 700msec selectable		
Power Input	DC 10-24V / AC 10-18V		
Current Consumption	45mA - 70mA	75mA - 100mA	100mA - 110mA
Alarm Output	Form C, Contact capacity: AC / DC30V, 0.5A or less		
Tamper Switch	N.C. open when cover is removed (receiver only)		
Alarm LED	Red LED (receiver)		
Alignment Angle	±10° vertical, ±90° horizontal		
Ambient Temperature	- 25° C to 55° C		
Relative Humidity	95% or less		
Mount	Wall or Pole		
Weight	600g (transmitter and receiver)	1400g (transmitter and receiver)	2000g (transmitter and receiver)
Appearance	PC Resin (Black)		
Accessories	Mental Mounting Bracket (PBX Series Black), Hook and Screw, Removable View Finder (PBY and PBZ Series), Heater (optional), User Manual		