

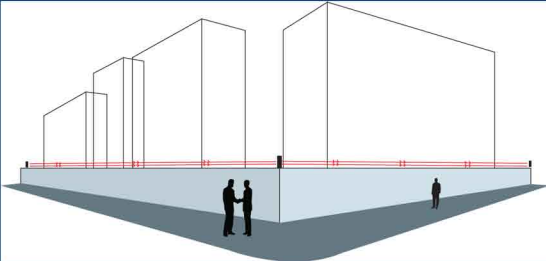


# Active Edge

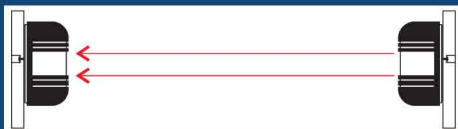
## DUAL INFRA-RED BEAMS



### Active IR Working Scheme



### Comparison Scheme of Active IR Working Status



Normal working status



When the signal is blocked, the detector sends alarm information to the control panel

### Accessories

GJD950 - 'U' Bracket  
GJD955 - Plate



GJD980 - Internal Heating Module  
10W68Ω heating resistor  
75°C Temp control switch  
Power supply at DC12-24V  
Working current 150mA - 350mA

- **Outdoor Detection Range:** 60 Metres (GJD940)  
100 Metres (GJD960)
- **Indoor Detection Range:** 180 Metres (GJD940)  
300 Metres (GJD960)
- **Beam Characteristics:** Pulsed infrared double beams
- **Interruption Period:** 50~700 milliseconds (selectable)
- **Power Input:** DC12~24V/AC 11~18V
- **Current Consumption:** 40mA max (GJD940)  
65mA max (GJD960)
- **Alarm Period:** 2 second (± 1) nominal
- **Alarm Output:** Form C relay (AC/DC 30V 0.5mA max)
- **Tamper Switch:** N/C Opens when cover is removed
- **Operating Temperature:** -25°C ~ +55°C
- **Environment Humidity:** 95% Max
- **Alignment Angle:** ±5° vertical, ±90° horizontal
- **Mounting:** Wall or Pole
- **Weight:** 659g (Both transmitter & receiver)
- **Appearance:** PC Resin (black)

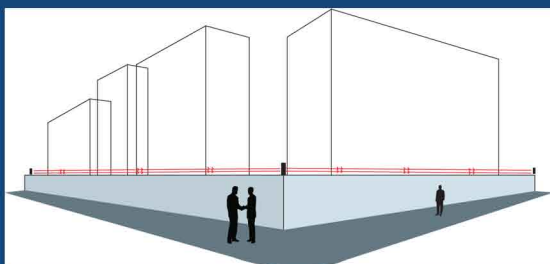


# Active Edge

## QUAD INFRA-RED BEAMS



### Active IR Working Scheme



### Comparison Scheme of Active IR Working Status



Normal working status



When the signal is blocked, the detector sends alarm information to the control panel

### Accessories

GJD950 - 'U' Bracket



GJD980 - Internal Heating Module  
10W68Ω heating resistor  
75°C Temp control switch  
Power supply at DC12-24V  
Working current 150mA - 350mA

- **Outdoor Detection Range:** 200 Metres
- **Indoor Detection Range:** 600 Metres
- **Beam Characteristics:** Pulsed infrared quad beams
- **Interruption Period:** 50~700 milliseconds (selectable)
- **Power Input:** DC12~24V/AC 11~18V
- **Current Consumption:** 105mA max
- **Alarm Period:** 2 second (± 1) nominal
- **Alarm Output:** Form C relay (AC/DC 30V 0.5mA max)
- **Tamper Switch:** N/C Opens when cover is removed
- **Operating Temperature:** -25°C ~ +55°C
- **Environment Humidity:** 95% Max
- **Alignment Angle:** ±10° vertical, ±90° horizontal
- **Mounting:** Wall or Pole
- **Weight:** 3100g (Both transmitter & receiver)
- **Appearance:** PC Resin (black)