

Model	AN900-A100S
Product type	Digital Photoelectric Beam Sensor
Detection system	Simultaneous breaking of 2 beams
Infrared beam	LED pulsed beam, Double modulation
Protection distance	Outdoor 100m (330ft) or more Indoor 300m (1000ft) or more
Response time	50ms,100ms,300ms, 700msec optional
Alarm Period	2S, 50mA are optional
Beam Frequency	4 channels are optional
Supply voltage	12V to 24V DC/AC (12V DC Recommendable)
Current consumption	90mA Max
IP	IP55
Alarm output	Dry contact relay output form C Contact action : Interruption time + delay time
Tamper output	Dry contact relay N/C (Receiver only) Action : Activated when cover is detached
Alarm LED	Red LED (Receiver) ON : when an alarm is initiated.
Attenuation LED	Red LED (Receiver) ON : when beam is attenuated.
Functions	Multi-Meter Test Points AGC circuit; Frost proof cover LED No from 1 to 9 display for alignment level indication
Ambient temperature	-25°C to +60°C
Mounting positions	Indoor / Outdoor; Wall / Pole
Wiring	Terminals
Weight	1000g (Transmitter + Receiver)
Appearance	PC resin

- Synchronised Twin Beams for reliable detection
- Double Modulated Beam type ensures unsurpassed immunity to direct and reflected sunlight and vehicle headlights
- Multi-Meter Test Points to accurately monitor alignment voltage
- Frost Resistant Cover minimize nuisance alarms in harsh weather
- Automatic Gain Control for maximum stability

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IP55

The IP55 symbol features three water droplets above the text 'IP55', representing protection against dust and water.