



ProfelmNet®

Retro-reflective beam sensor for automatic doors.

This top quality, ultra sensitive, photoelectric beam sensor, works with any type of automatic gate or door controller card used on sliding, swing gate, roller shutter, barrier and overhead door. It has IP-66 housing for outdoor use.

The best photocell for up to 10 meters covering distance



The IR-1000 works on infrared technology and is capable of switching loads of 3 Amp on 125VAC and it has 2 red LED indicators. One is power LED indicator while the other indicates broken beam.

Optional Hood for reflector is also available. The hood protects the reflector from direct effects of sun, dust and rain. Part number is **PH-15**.

The install height should be around 50cm from the ground and the minimum covering distance should not be less than 1m.

Package specifications

- **Power Source** 12 to 230 Volts AC or DC
- **Current Consumption** 50mA +/- 10%
- **Response Time** 5-100 millisecond
- **Operation Indicator** 2 Red LEDs. One ON power, and the other ON when there is no physical barrier between the unit and the reflector.
- **Illumination** Lamplight < 10,000lux; Sunlight < 30,000lux
- **Noise Resistance** 1500Vp-p/1us
- **Emitting Element** IR LED
- **Connection** Cable wires: Brown/Blue for power and White/Black for contact. The Gray wire is not used.
- **Operating Temperature** -20°C to 55°C
- **Relay Output** Common, Normally open or normally close. 1A/120VAC
- **Useable Operating Range** 15 metres indoor and 10 metres outdoor range. Range will be reduced in bad weather, fog, dust etc.
- **Water Proof** IP-66
- **Dimensions** 20(W) X 63(H) X 39 (D) mm is the unit