



BEAM - 105 Reflective Beam Detector is a reflective infrared beam smoke detector, which must be used together with reflectors. The number of reflector(s) to be used (1 to 4) depends on the distance of coverage from the detector.

With built-in microprocessor, the detector has capabilities of analysis and judgment. The detector can automatically carry out system adjustment & compensation due to variations in ambience data, through fixed algorithm with indications by LED and signal through the output terminals.

The detector sensitivity can be field adjustable, to increase the range of application.

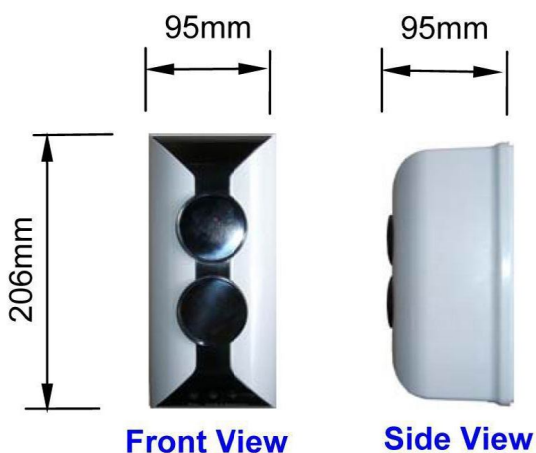
The detectors can be used with both Conventional Fire Alarm Panels, and our GST range of Addressable Fire Alarm Panels.



Approved by LPCB in compliance to EN 54-12: 2002

Applications :-

- ❖ Warehouse
- ❖ Shopping Mall
- ❖ Hotel Lobby
- ❖ Exhibition Hall
- ❖ Museums, etc



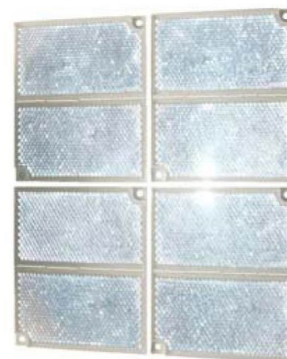
Front View

Side View

Technical Specifications

Operating Voltage	24VDC (Range 15VDC to 28VDC)
Operating Current	Standby Current : $\leq 8\text{mA}$
	Alarm Current : $\leq 12\text{mA}$
Detection Range	Distance from 8m to 100m
Monitoring Area	Maximum Area : $14 \times 100 = 1400\text{m}^2$
	Maximum Width : 14m
Wiring	Non-Polarized Two-Core 24VDC
	Non-Polarized Two-Core Detection Loop
Operating Environment	Temperature Range : $-10^\circ\text{C} \sim +50^\circ\text{C}$
	Relative Humidity : $\leq 95\%$
Dimensions	206mm (Ht) x 95mm (W) x 95mm (D)
Weight	450 Gram
Material	ABS Plastic
Colour	Grey & Black

Standard Accessories :-



4 pcs. Reflector



1 pc. Mounting Bracket

**1 pc. IR Light Filter
(for simulation testing at site)**

Due to constant improvement in our products, we reserved the right to modify or withdraw any product or service without prior notice.

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