

Features:

- Reflective beam principle
- Wiring only required to TX
- Neat polycarbonate housing design
- Easy to align
- Range of up to 100M

- Surface mount kits available
- Swivel mount brackets available
- Long range kits available



Description:

System Sensor Model BEAM 1224 is a 4-wire conventional projected beam smoke detector.

It is uniquely suited for protecting open areas with high ceilings where other methods of smoke detection are difficult to install and maintain.

Alignment is quickly accomplished via an optical sight and a 2-digit signal strength meter incorporated into the product.

BEAM 1224 consists of a transmitter/receiver unit and a reflector. When smoke enters the area between the unit and the reflector it causes a reduction in the signal and, when the smoke level reaches the predetermined threshold, an alarm is activated.

BEAM 1224 has four standard sensitivity selections along with two Acclimate settings. When either of the two Acclimate settings are selected the detector will automatically adjust its sensitivity using advanced software algorithms to select the optimum sensitivity for the specific environment.

Specifications:

Operating Voltage Range:	10.2 to 32 VDC
Average Standby Current:	17 mA Maximum
Average Current During Testing:	500 mA Maximum
Average Alarm Current:	38.5 mA Maximum
Average Fault Current:	8.5 mA Maximum
Operating Temperature Range:	-30°C to 55°C
Operating humidity range:	10% - 93% Relative humidity non-condensing
Detector Dimensions:	254mm H x 191mm W x 84mm D
Reflector Dimensions:	5m to 70m 200mm x 230mm
	Over 70m 400mm x 460mm

Approvals:

SSL Approved	
ActivFire Listing No.	AFP-2802

Distributors For:



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