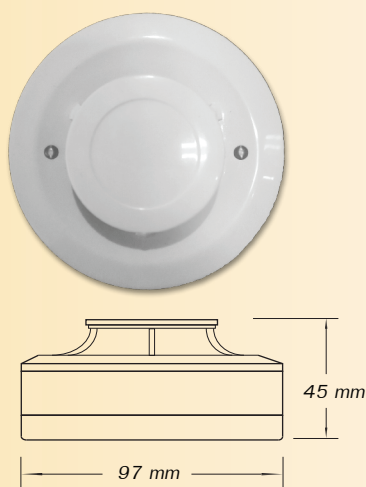


# YA-CS820

## Photoelectric Smoke Detector



### Characteristics

- Optical smoke chamber with high stability
- Network by current, N.O/N.C (optional)
- Adopted CMOS with low power consumption
- High adaptability to the ambient, with dustproof, moisture proof, anti-white light, and high EMI immunity function
- Orientation differences:  $M_{max}: M_{min} < 1.6$
- Highlight dual color LED indication
- Anti-tamper switch
- Unique bracket design, easy installation
- Current network output, 2 wire with remote output

### Specifications

Model / <b>Product</b>	YA-CS820 wire / <b>Photoelectric Smoke Detector</b>
Input voltage	9-28 VDC
Static Current	30±5uA (at DC24V)
Alarm Current	70±5mA (at DC 24V)
Operating Temperature	-10°C - +55°C
Operating Humidity	≤95%RH
Installation	Ceiling mounted
Output / <b>Wiring Mode</b>	3 VDC Remote indicator lamp / <b>2 wire with remote led signal output</b>
Alarm Reset	Power off reset
LED Indicator	Detecting: Green LEDs flash / Alarm: Red LEDs ON
Sensor Type	Infrared photoelectric cell
Sensitivity	$m=0.15-0.3dB/m$
Material / Color	ABS Plastic / White Color
Dimension	∅ 100 x 46 mm.

### Effective alert area

Construction Height	4 m
Fireproof Building	60 m <sup>2</sup>