Photoelectric Smoke Detector
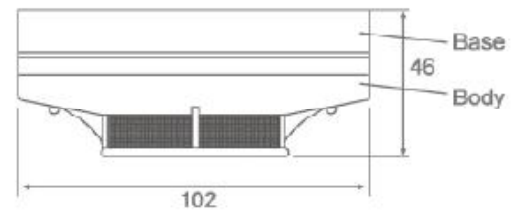## PS-933

ISO 9001, CE Approved

Description :

The Photoelectric smoke detector is detect the smoke by couple of infrared diodes. The principles of detecting is granule in the smoke can reflect infrared light.   Infrared diodes are placed in the special chamber. The chamber can shield external light, but don't affect the smoke into it.

While have no smoke, the diode can receive very weak infrared light. When the smoke entering the chamber, diode can receive more and more light, when the smoke attains the certain density, the detector can give out alarm signal.

Advantages :

- Dual LEDs for 360-degree visibility, BI-color LEDs. Stand-by status: Green; Alarm status: Red
- With the photoelectric sensing principle, this kind of detector is actived more quickly, accurately and reliably, and there are no false alarm due to chemicals, exhaust gas, wind and exterior light
- Detector has passed EMC test, which greatly eliminates false alarm caused by interference from nearby sources
- Pretty and jointless outward

Specifications:

Model	PS-933	PS-933R
Type	2-wire	3-wire
Voltage Range	DC 12 ~ 30 V	
Sensitivity Setting	Comply to EN54, CNS	
Standby Current	< 25 µA (at DC 24V)	
Alarm Current	30 mA Max (at DC 24V)	
Polarization	Non-polarized	Polarized
Ambient Temperature	-10^0C ~ $+55^0$C	
Relative Humidity	0 ~ 95% RH	
Detecting Area	100 Square meter (Ceiling Height under 4M)	
Material	Fire-Proof plastic	
Dimensions	ø 102 x 46(H) mm	
Color	White	
Weight	131g	