



# Photoelectric Smoke Detector

The infrared light beam from transmitter intersect the smoke particles will cause the light spread to all directions. When receiver has sensed the light, it will send signal to control panel for fire alarm status as soon as the density of smoke reaches pre-determined alarm level.

Transmitter projects beam signal every 3 seconds to check any smoke caused by real fire. When smoke density reaches the preset standard, receiver will confirm the signal for 16 consecutive times. Control panel will then receive the fire signal after confirmation is made. Insect guard is made of radius 0.5mm stainless steel to prevent the invasion by insects, decrease fault alarm. Besides, stainless steel has great discharge effect on electrostatics.



[www.firefocus.co.th](http://www.firefocus.co.th)

Model	PS 1-01	
Operating Sensitivity	Comply to UL268, EN54, CNS	
Operating Current	DC 24V under 30uA	
Monitoring Current	Under 30uA	
Ambient Temperature	-10°C ~ + 55°C	
Relative Humidity	10~95%	
Material	Fire - proof plastic	
Dimensions	110mm (Dia.) x 50mm (H)	
Weight	170g	
Color	White	

### Effective Alert Area

Building Height	Under 4M	4~20 M
Area Covered	150 M <sup>2</sup>	75 M <sup>2</sup>