



S-9102R S-9102N

Stand Alone Smoke Detector

Battery powered stand alone smoke detector, adapting optical chamber, to detect smoke produced by fire, gives high volume sound notification in case of alarm. It is suitable for small projects like home application, small shop, pub, and etc.

Installation and Application

The detector is installed to ceiling or solid support frame.

For standalone application, the S-9102R is suitable, and will provide an extra alarm relay output.

The S-9102N provides network function, suitable for group usage of the detector. All networked detectors will sound together when anyone of them alarms.

Terminals:

C+ & C- are common marks for both detector types. S-9102R provides the polarized N/O contact output (photoelectrical isolated). S-9102N detectors should be linked together, C+ to C+, C- to C-.

Technical Specification

Operating Voltage	3VDC (2-piece of AA LR6 alkaline batteries)
Battery life	3 years
Indicator	Red, flashes in every 45 seconds in normal condition
Sound Level	80dB@3m
Detection Area	60m ² ~100m ²
Output control type	Volt-free normally open
Output capacitance (S-9102R)	Maximum voltage: 30V Maximum current: 60mA
Network Capacity (S-9102N)	Maximum 30 smoke detectors
Environmental Temperature	-10°C ~ +50°C
Relative Humidity	≤95%, non condensing
Material of Enclosure	ABS, white
Dimensions	Diameter 120mm Height 58mm (with base)
Mounting Hole Distance	50mm ~ 74mm
Weight	About 181g