

# Smoke Detector

Wireless

**MD-2105R**



MD-2105R is wireless smoke detector, it adopts thermistor sensor and photoelectric infrared LED indication, tamper switch button, built-in buzzer, exact detect smog density when it over the standard level (UI 217 / 3.2%/feet), it can make the alarm by itself via built-in buzzer, and also send out the wireless alarm signal to alarm control panel at the same time, low battery indication that make once sound in each 2 hours via built-in buzzer, easy to install on ceiling or wall using the screws with countersink heads which had packed in the package.

- Thermistor sensor / photoelectric infrared LED
- Smog sensitivity comply with UI 217 / 3.2%/feet
- Sent status signal every 15 seconds or 65 seconds
- No emit radioactive element
- Auto send signal when low power voltage or re-setting

## Specification

### Overview

Sensor	Thermistor/Photoelectric infrared LED	Alarm current	20mA
Power supply	DC 12V (include external power plug)	Alarm volume	85dB at the distance of 10 feet
Smog sensitivity	UI 217 / 3.2%/feet	Operating environment	-5C ~ +50C
Signal interval	Every 15 seconds or 65 seconds	Humidity	10% ~90%
Buzzer	Built-in	Wireless emitting frequency	433MHz / 868MHz
Self-testing indication	infrared LED turn on and then make 2 buzzer sound	Wireless emitting range	100m (in open area)
Alarm indication	infrared LED turn on and around 30 seconds buzzer sound at the same time	Operating environment	-5C ~ +50C
Power input	6V DC	Dimension	Φ105mm
Battery	CR123A 3.0V Lithium Battery x 2pcs	Color	Ivory white
Static current	20μA ~40μA		