

Sensors

KB-SD1-W

Wireless Smoke Detector

Detection Performance

Detection Area	50 Square Meters
Alarm Sound Level	≥ 80dB (at 3 meters)

Wireless Specifications

Radio Frequency	868MHz
Wireless Protocol	FSK
Transmission Range	500m (Open Area)
Transmission Power	≤ 12dBm

Electrical & Power

Power Supply	Battery: DC 3V (2x AA Batteries)
Battery Life	2 ~ 3 Years
Operating Current	< 80mA
Static Current	< 60μA

General Specifications

Dimensions	Φ105 x 40 mm
Operating Temperature	-10°C ~ +55°C
Operating Humidity	5% ~ 95%RH (non-condensing)
Compliance Standards	EN 14604



KB-CMD1-W

Wireless Carbon Monoxide Detector

Detection Performance

Target Gas	Carbon Monoxide (CO)
Sampling Method	Natural Diffusion
Detection Range	0 ~ 500ppm
Alarm Threshold	200ppm
Accuracy Error	±50ppm

Alarm & Indication

Alarm Method	Sound and Light Alarm
Sound Output	≥ 85dB (at 3 meters)

Electrical & Power

Power Supply	Battery: DC 3V (1x CR123A)
Operating Voltage	DC 3.0V

General Specifications

Dimensions	Φ86 x 32 mm
Operating Temperature	-10°C ~ +50°C
Operating Humidity	5% ~ 95%RH (non-condensing)
Compliance Standards	EN 50291



KB-WLS1-W

Wireless Water Leakage Sensor

Wireless Specifications

Radio Frequency	868MHz
Wireless Protocol	FSK with Two-Way Communication
Transmission Range	Up to 800 meters (Open Area)

Detection Performance

Detection Threshold (Water Level)	0.5mm
Protection Class	IP66 (Dust & Water Resistant)

Electrical & Power

Power Supply	Battery: DC 3V (1x CR123A)
Battery Life	Up to 5 Years (Based on 10 triggers/day)

General Specifications

Dimensions (L x W x H)	58 x 58 x 21 mm
Operating Temperature	0°C ~ +55°C
Operating Humidity	≤ 95% RH (Non-condensing)
Installation Method	Floor Placement



KB-MG1-W

Wireless Magnetic Contact

Wireless Specifications

Radio Frequency	868MHz
Wireless Protocol	FSK with Two-Way Communication
Transmission Range	Up to 800 meters (Open Area)

Detection Performance

Detection Gap	20mm Max
Tamper Alarm	Supported
LED Indicator	Supported (Red & Green)

Electrical & Power

Power Supply	Battery: DC 3V (1x CR123A)
Battery Life	Up to 5 Years (Based on 10 triggers/day)

General Specifications

Dimension(Main Unit)	89.8 x 30.1 x 20.5 mm
Dimension(Magnet)	89.8 x 17.7 x 20.5 mm
Installation Method	Wall-mount (Screws or 3M Tape)
Operating Temperature	-10°C ~ 55°C
Operating Humidity	5% ~ 95%RH (non-condensing)
Compliance Standards	CE

