

DHI-FAD122A-W

Wireless Smoke Detector



Technical Specification

Name	Wireless Smoke Detector
Work Principle	Photoelectric type
Alarm Sound Volume	80dB at 3m (10 feet)
Alarm Type	Audio and optical alarm
Normal Status	Red LED flashes once every 90s
Alarm Status	Red LED flashes and buzzer beeps continuously
Low Voltage Status	Red LED flashes once every 90s and buzzer beeps every 90s
Low Battery Life	At least 30 days from warning signal
Work Voltage	Lithium battery, DC3.6V
Battery Life	About 3 years
Standby Current	≤15uA
Alarm Current	≤50mA
Center Frequency	433MHz
Transmitting Power	10dBm
Transmission Distance	150 meters(open area)

Features

- Infrared photoelectric sensor
- MCU processing, eliminate false alarm
- Surface-mount device (SMD) circuit board design
- High detection sensitivity
- Simple ceiling installation using a dedicated bracket
- Up to 3 years battery life using a 3.6V lithium battery
- Low battery indication at least 30 days from warning signal
- Alarm sound level 80dB at 3m(10 feet)
- Frequency: 433MHz



Work Temperature	-10℃~55℃
Work Humidity	≤ 95% (non-condensation or icing)
Installation	Ceiling or wall Mounting
Dimensions	103mm × 103mm × 41mm (L×W×T)
Weight	About 110g (including battery)

Ordering Information(Home Wireless Alarm System)

Type	Part Number	Description
Controller	ARC5402A-GW	Video Alarm Control Panel
	ARC2000B-W	Wireless Alarm Hub
Detector	ARDXXX-W	Wireless Detectors based on Airfly
Remote Fob	ARA22-W	Remote Fob
Siren	ARA10-W	Wireless Siren

Application

Applied in store, villa, individual houses and blocks of flats/apartments

