

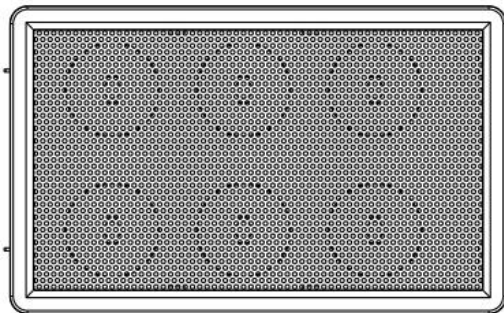
Product Datasheet for FS-P600R

1. SPECIFICATIONS

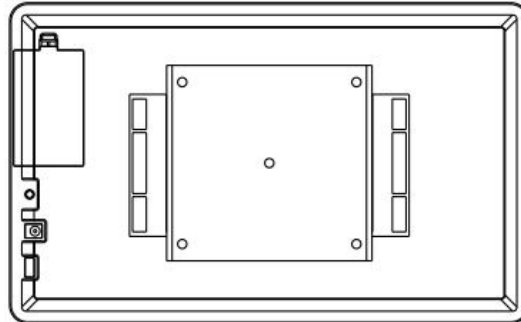
Model: FS-P600R	
Trigger Methods	RF Remote Control, Panic Button, Alarm Relay(dry-contact signal).
Operation	Single ejection per canister — refill with new canisters after deployment
Fog Type	Solid, Non-toxic Smoke.
Coverage	200-600m ³ (3 adjustable output levels, install height: 2.5-3 meters).
Deployment Speed	Smoke is released within 1 second, critical area protected within 3 seconds.
Power supply	DC 12V/10A
Power Consumption	0-120W
Back up Battery	Compatible with 2x LG/SAMSUNG 21700 cells-up to 48 hours after main power loss.
Remote Control	RF Remote Control with Clear Status Display, powered by 2xAA batteries
Alarm	120 dB siren
Working Temperature	-10°C ~ 50°C
Working Humidity	0 ~ 60%
Installation Method	Ceiling mount
Smoke Duration	30~45 minutes
Device Dimension & Weight	340*210*155mm(L*W*H), 7.5KG.
Certifications	CE, FCC, RoHS, REACH, Non-toxic Report

2. DEVICE LAYOUT & SMOKE COVERAGE

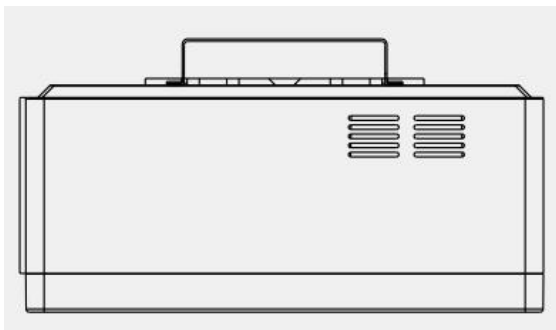
Front View



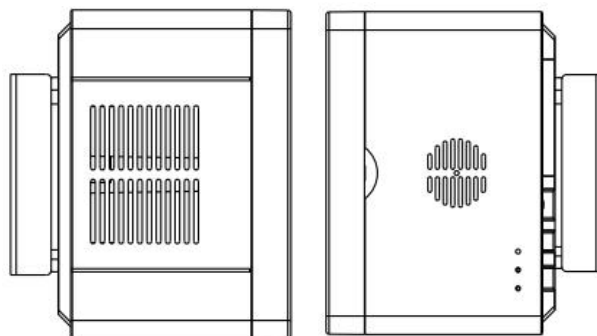
Rear View



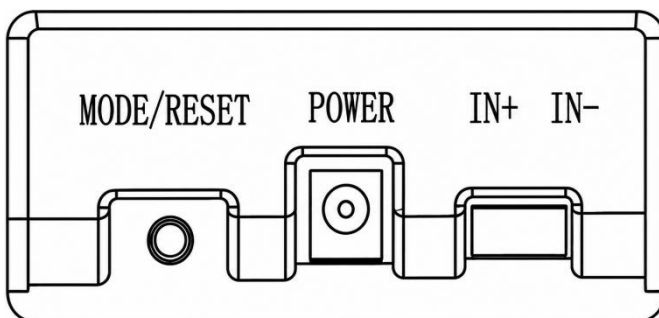
Top View



Side View



Connection Interface



Rear connection panel: *MODE / RESET*, *POWER*, and *IN+ / IN-* signal terminals.

Terminal	Function
MODE/RESET	MODE-each press advances to the next coverage level. RESET-press and hold 5 seconds to enter remote-pairing mode or reset the used-canister (the remote's Used Qty) counter to zero.
POWER	12V/10A DC input
External Control (4 pins: VCC 3.3V / IN+ / IN- / GND)	VCC 3.3V & GND: Provides stable power for external signal inputs. IN+ / IN-: Alarm/Panic Button Input

Smoke Coverage Levels

Press MODE to cycle through three coverage levels. The status LED color confirms the active level:

LEVEL	LED COLOR	CANISTERS	COVERAGE/DEPLOYMENT	TOTAL COVERAGE & DEPLOYMENT
Level 1	• Blue	2 canisters	Up to 200 m ³	600m ³ (3 activations)
Level 2	• Green	4 canisters	Up to 400 m ³	600m ³ , (2 activations)
Level 3	• Red	6 canisters	Up to 600 m ³	600 m ³ , (1 activation)

3. How it works?

Typical Integration Logic

Alarm Panel → Dry-Contact Signal/Panic Button/RF remote → FS-P600R → Siren + Security Smoke

The exact alarm sequence, trigger method, and delay settings may vary depending on the project configuration and connected alarm system.

1) Wired panic button

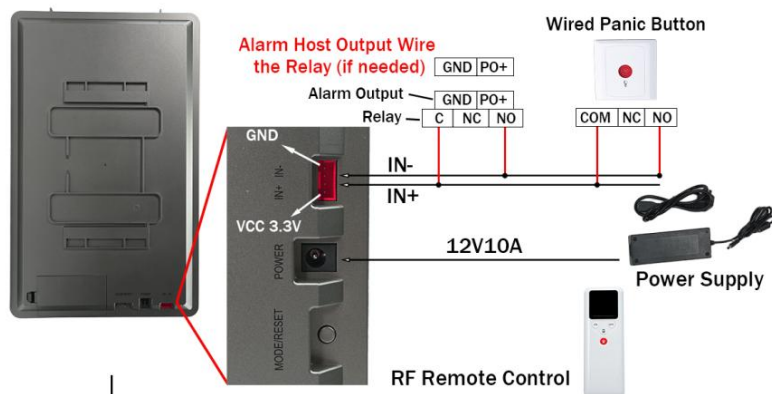
Wired the panic button to the device. Press the wired panic button to activate the siren and trigger the smoke for immediate intrusion deterrence.

2) RF Remote control operation

Unlock the RF remote, then press and hold the ON button. Voice alerts switch on and the selected level of canisters is activated.

3) Connection to compatible alarm panels via dry-contact signal

RF Remote Control & Panic Button Control



Wiring overview: IN+ / IN–signal terminals, alarm-relay output, wired panic button, and 12 V / 10 A power supply.