



ANTI-ROBBERY SECURITY SYSTEM

FS-P600R

Security Fog Generator



Wireless RF Remote · Up to 600 m³ Coverage · Cold-Smoke Deployment

USER MANUAL

Please read these instructions carefully and keep this manual for future reference.

GUANGZHOU ANWU SECURITY CO., LTD. www.anwusecurity.com

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01 SAFETY WARNINGS

The FS-P600R rapidly deploys a dense security fog. Read every warning below before installation or use. Failure to follow these instructions may result in injury or property damage.

Health & Aiming Precautions

WARNING

Use this device with extreme caution near anyone who suffers from asthma, lung conditions, or skin allergies.

Never aim the device directly at people. The nozzle must always be directed toward the floor.

Exposure & First Aid

- Keep the device out of reach of children and pets to prevent accidental activation.
- Avoid prolonged exposure to the smoke, as inhalation may cause discomfort.
- In case of skin or eye irritation, wash immediately with soapy water and seek medical attention if symptoms persist.

Installation & Electrical Safety

- Always disconnect the power supply before installing or replacing smoke cartridges.
- Keep the device away from flammable or explosive materials.
- If you are unsure about any part of the installation, consult a qualified professional.

Environmental Requirements

- Do not expose the device to high temperatures. Keep it dry and clean.
- This device is designed for **indoor use only** and is not waterproof.
- If water or any liquid enters the device, cut off the power immediately and contact after-sales service.

Burn Hazard

HOT SURFACE

After triggering, the nozzle becomes extremely hot.

Do not touch the device until it has completely cooled down. Contact may cause severe burns.

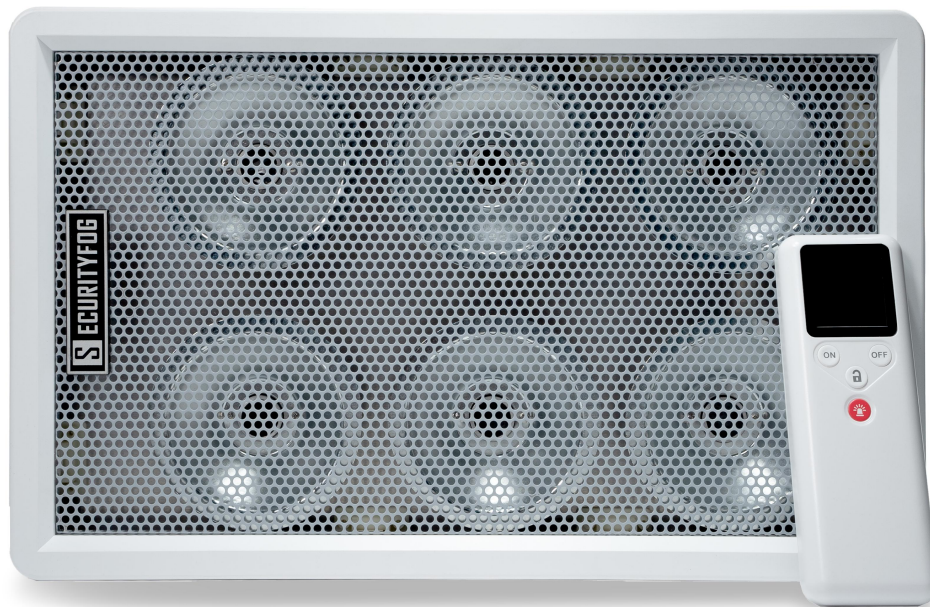
■ Restriction of Use

This device is **not** suitable for use in vehicles such as cars or vans.

■ Liability Disclaimer

The manufacturer assumes no liability for any damage or injury resulting from incorrect installation, improper operation, or the use of non-original replacement cartridges.

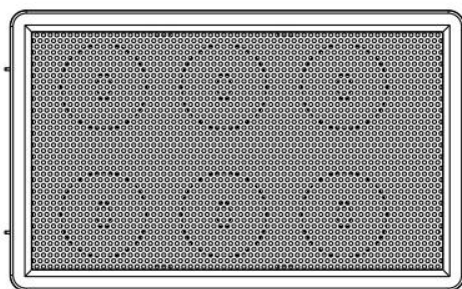
White FS-P600R Security Fog Generator



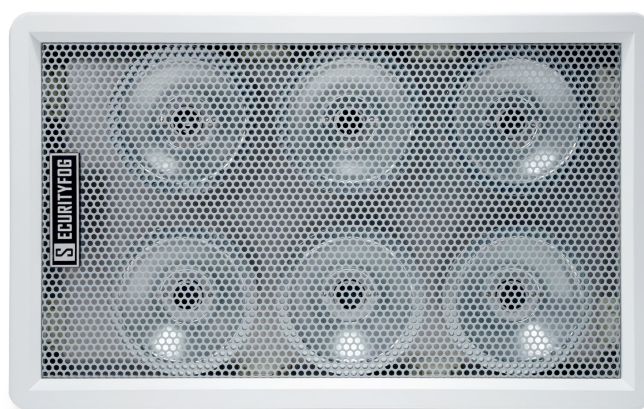
02 WHAT'S IN THE BOX

Carefully unpack the carton and confirm that all of the following items are present. If anything is missing or damaged, contact your supplier before installation.

×1	Security Fog Generator Main unit
×1	Power Adapter DC 12 V / 10 A
×1	RF Remote Control Pre-paired
×1	Mounting Plate & Screw Set Wall / ceiling fixings
×2	Disposable Metal Mesh Cover Single-use, per deployment
×1	User Manual This document



Disposable metal mesh cover (×2) — replaced after each deployment.



Assembled FS-P600R unit (top view) showing the six-emitter fog outlet.

03 PRODUCT OVERVIEW

Description

The FS-P600R Anti-Robbery Security Fog Generator protects high-value environments such as large warehouses, jewelry stores, luxury boutiques, supermarket cash counters, and ATMs, covering enclosed areas of up to 600 m³.

Once triggered, the device rapidly deploys a dense, high-volume fog that instantly obscures visibility and disorients intruders. By creating an immediate visual barrier, it halts unauthorized activity and buys critical time for security personnel or law enforcement to respond.

Key Features

Instant Visual Deterrent

Deploys a dense, zero-visibility fog within seconds of activation to completely blind and disorient intruders.

Massive Volumetric Coverage

Engineered to protect large indoor volumes of up to 600 m³ with a single deployment.

Flexible Smart Integration

Connects seamlessly with existing alarm systems, relay outputs, or the included RF remote control for instant wireless activation.

Ultra-Compact & Stealthy

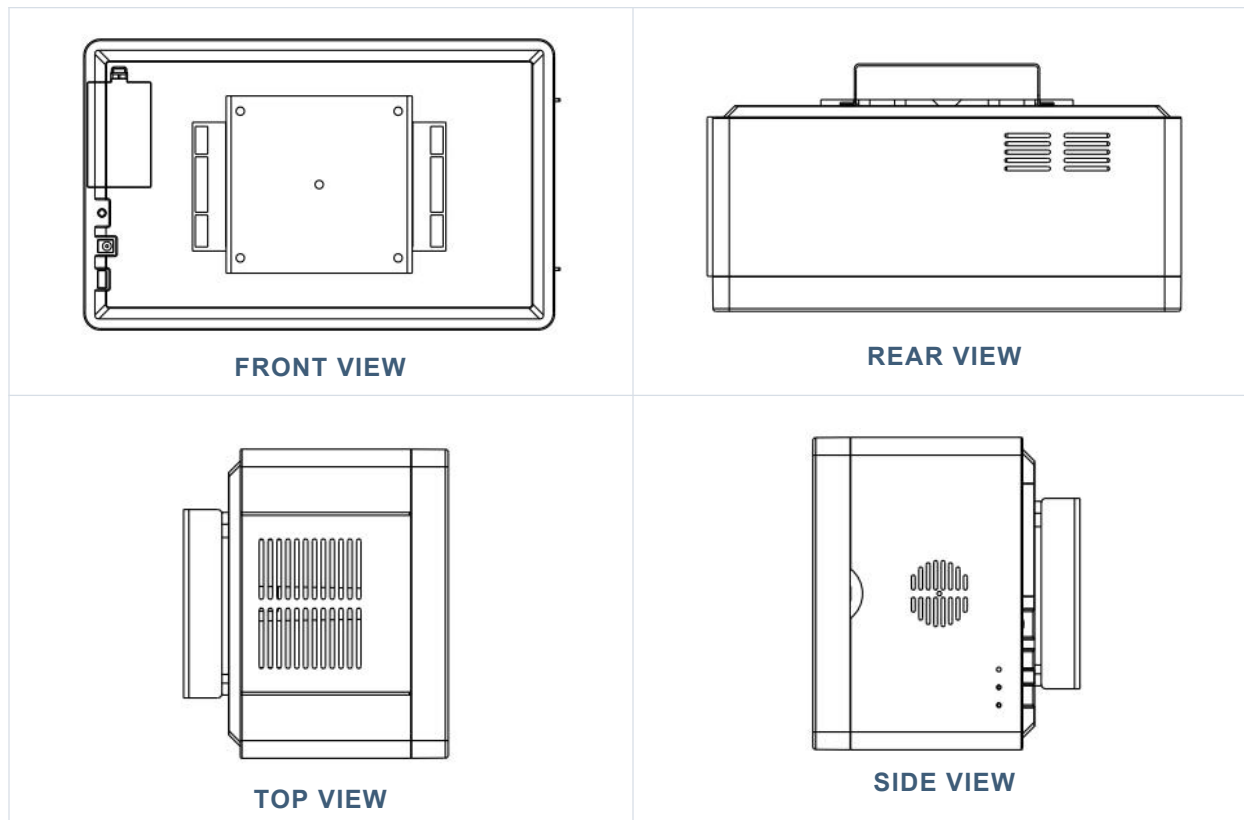
A sleek, low-profile design allows discreet installation under cash counters, inside ATMs, or near high-value safes.

Cost-Effective & Refillable

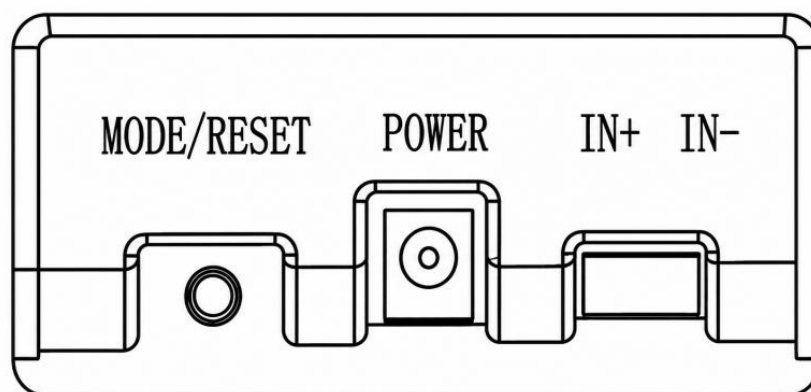
A sustainable solution with an easily replaceable smoke cartridge after each deployment.

04 DEVICE LAYOUT & CONNECTIONS

Housing Views



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 (see below). RESET — press and hold 5 seconds to enter remote-pairing mode or reset the used-cartridge counter to zero.
POWER	Input for the 12 V / 10 A power adapter.
VCC 3.3 V & GND	Provide stable power for external signal input.
IN+ / IN-	Connect to the panic button or alarm system (and relay) at the NC & COM terminals.

Coverage Levels

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

LEVEL	LED COLOR	CANISTERS	COVERAGE
Level 1	● Blue	2 canisters	Up to 200 m ³
Level 2	● Green	4 canisters	Up to 400 m ³
Level 3	● Red	6 canisters	Up to 600 m ³

05 SPECIFICATIONS

MODEL FS-P600R

Trigger Methods	Panic button & dry-contact signal; RF remote control
Operation	Single ejection per cartridge — refill with new cartridges after deployment
Dimensions & Weight	340 × 210 × 155 mm (L×W×H) · 7.5 kg
Fog Type	Solid, non-toxic smoke
Smoke Coverage	200–600 m ³ in an enclosed or semi-enclosed area (install height 2.5–3 m)
Deployment Speed	Cold-smoke ejection in 1 second; critical area protected within 3 seconds
Power Supply	DC 12 V / 10 A
Power Consumption	0 – 120 W
Backup Battery	2 × LG / Samsung 21700 cells — up to 48 hours after main-power loss
Remote Battery	2 × AA batteries
Siren	120 dB high-decibel alarm
Working Temperature	–10 °C to 50 °C
Working Humidity	0 – 60 %
Installation	Wall or ceiling mount
Smoke Duration	30 – 45 minutes
Certification	CE · Non-toxic report

06 INSTALLATION & OPERATION

Before You Begin

PRE-INSTALLATION CHECKLIST

Install the device at a height of 2.5–3 m for optimal smoke performance.

Securely mount the unit on its supporting bracket before connecting to the control switch.

Keep the device powered off and the control switch OFF until installation and debugging are fully complete.

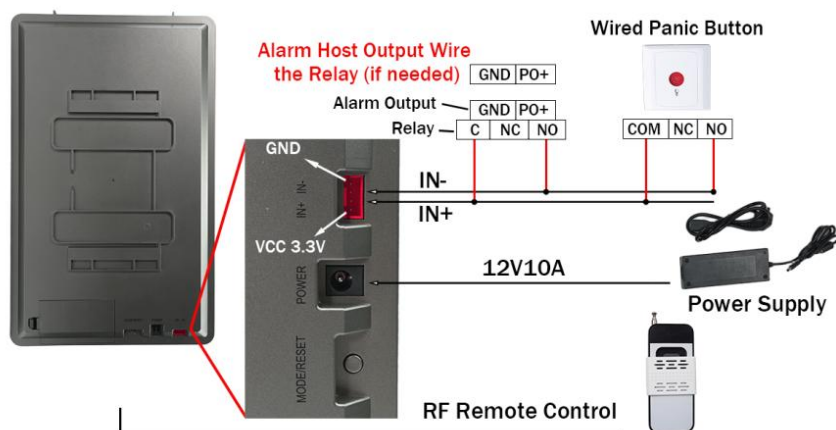
After activation, do not touch the housing or nozzle immediately — they may cause severe burns.

Before replacing a cartridge, confirm the equipment is functioning correctly to avoid false triggering.

Mounting & Wiring

1. Mount the device horizontally in the target area (for example, beneath a cash counter or inside an ATM cabinet), making sure the smoke outlet is unobstructed.
2. Connect the device to the power supply and to the alarm system or remote control. Route wires away from high-temperature or humid environments.
3. Select the appropriate coverage level (Level 1–3) based on the size of the space.

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.

How to Trigger the Smoke

Manual trigger — activate the smoke using the wired panic button or the RF remote control.

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

2. To trigger again, press and hold ON once more. You can trigger up to two additional times. Alternatively, press the trigger button directly to release all available cartridges.
3. Press and hold OFF to turn off the voice alerts.

Automatic trigger — when connected to an alarm system, the device releases smoke automatically upon receiving an alarm signal.

AFTER DEPLOYMENT

Once all canisters have been triggered, press and hold RESET until all three indicators light up. This confirms a successful reset and pairing mode; if the remote is already paired, re-pairing is not required. The used-canister count on the remote will then update.

Remote Control Reference



ON Press and hold to arm voice alerts and trigger the selected level.

OFF Press and hold to silence the voice alerts.

Unlock Unlocks the keypad before triggering.

Trigger Releases all available smoke cartridges at once.

The display shows Trigger Qty, Used Qty, Total Qty, and device battery level.

Remote Pairing & Unpairing

ALREADY PAIRED

The device ships pre-paired with its remote control. Simply power on the device and it is ready for immediate use. Follow the steps below only if you need to re-pair.

To pair a remote

1. Power on the device and unlock the remote control.
2. Press and hold the external button for 3 seconds to enter pairing mode (three LEDs flash).
3. Press and hold ON and OFF together. A beep and an on-screen notification confirm that pairing succeeded.

To unpair

1. Press and hold Unlock and OFF together.

CAUTION

After unpairing, the remote must be paired again before normal use.

All of the components inside the FS-P600R Security Fogger below



07 TESTING & REPLACING CARTRIDGES

Test the device before replacing cartridges to confirm correct operation and prevent accidental discharge.

Safety & Emergency Instructions

USE RESPONSIBLY

Use the device only in genuine emergencies or during authorized tests. Never trigger it under non-critical conditions.

- Before activating smoke, make sure everyone on site is aware of the procedure and stands at a safe distance from the device.
- Installation and maintenance must be performed by qualified personnel. Users must not disassemble or modify the smoke cartridges.
- The smoke may cause discomfort to people with respiratory sensitivities. Ventilate the area promptly and evacuate people after activation.

Replacement Procedure

1. Disconnect the power supply and confirm the device and nozzle have completely cooled.
2. Run a function test to verify the unit is operating correctly and is not at risk of false triggering.
3. Remove the spent cartridges and the used metal mesh cover.
4. Install new original cartridges and a fresh disposable mesh cover.
5. Restore power, then press and hold RESET until all three indicators light up to clear the used-cartridge counter.

USE ORIGINAL PARTS ONLY

Replace cartridges with original components only. Non-original cartridges may impair performance and void the manufacturer's liability.

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