

fogaway

SECURITY FOG SYSTEM

X1

User Manual

Please read this manual carefully before first use.
Keep it for future reference.

fogaway.shop · support@fogaway.shop

WELCOME

Your space is about to become untouchable.

The Fogaway X1 fills a protected space with a dense, food-grade security fog the moment a break-in is detected. Within one second the first burst leaves the nozzle; within eight, the room is invisible. Intruders can't search what they can't see — so they leave.

Setup is a simple self-installation: mount it, connect it, arm it. Everything you need is in the box, and the FogAway app guides you step by step.

Three principles worth remembering

- **Fog is your ally.** It is non-toxic and leaves no residue — but you should never remain inside it longer than necessary.
- **Heat is the exception.** The nozzle and cartridge become extremely hot after firing. Give them time to cool.
- **Original cartridges only.** The X1 is calibrated for genuine Fogaway cartridges. Anything else voids the warranty.

READ FIRST

Safety first.

People & health

- If you have asthma or any lung or skin allergy, use the device with caution.
- Never aim the nozzle directly at people or pets — direct it toward open floor space.
- Keep the device out of reach of children and pets to avoid accidental activation.
- Do not remain in the fog for a long period. Inhaling it may be uncomfortable.
- If your eyes or skin become irritated, rinse with soap and water. If irritation persists, see a doctor.

Placement & environment

- Indoor use only. The X1 is not waterproof — if any liquid enters the device, disconnect power immediately and contact support.
- Keep the device away from flammable and explosive materials.
- Do not expose the device to high temperatures. Keep it dry and clean.
- The X1 must not be used inside vehicles.

Power & handling

- Always disconnect the power supply before installing the device or replacing a cartridge.
- After firing, the nozzle is **extremely hot**. Do not touch the device until it has fully cooled.
- If you're unsure about any part of the installation, contact support — we'll walk you through it.

! HOT SURFACE !

**THE NOZZLE REACHES EXTREME TEMPERATURES DURING AND
AFTER ACTIVATION.
KEEP HANDS AWAY UNTIL FULLY COOLED (ABOUT 2 HOURS).**

Fogaway is not responsible for damage caused by incorrect installation or operation, or by the use of non-original cartridges.

UNBOXING

What's in the box.

Fogaway X1 device	Wall-mounted security fog generator, fog cartridge pre-installed
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Fog cartridge x1	Food-grade, residue-free — good for one full activation
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Wall / ceiling mount	Bracket, screws and tool — all hardware included
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Panic button	Wired instant trigger (COM / NC / NO terminals)
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Remote control	RF remote — arm, disarm and activate from up to 100 m
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Power adapter	DC 12V / 3A with Phoenix connector plug
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Quick-start guide	This manual — keep it somewhere safe
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The FogAway app is powered by Tuya Smart — the world's leading smart-home platform. Download **Tuya Smart** free from your app store (or scan the QR code on the quick-start card), create an account and add your X1. You'll get arming, instant alerts and guided placement.

Know your X1

- **Fog nozzle** — the front outlet. Keep 50 cm of clearance in front of it.
- **Phoenix socket** — rear power and trigger connector for the supplied plug.
- **Bracket interface** — the mounting points on the underside of the casing.
- **Status lights** — red, blue and orange indicators (see the reference on page 8).

TECHNICAL DATA

Specifications.

Model	Fogaway X1
Fog type	Solid-based, non-toxic, food-grade fog · zero residue
Coverage	100–150 m ³ per burst (enclosed or semi-enclosed space, installation height 2.5–3 m)
Speed	First ejection in under 1 second · critical area protected in 3 s · full coverage in 8 s
Fog duration	30–45 minutes of dense cover
Trigger methods	Panic button · RF remote (hold 2 s) · FogAway app (Tuya Smart) · alarm-system relay
Power supply	DC 12V / 3A
Consumption	0–24 W
Operating temp.	-10°C to 50°C
Humidity	0–60% RH
Mounting	Wall or ceiling
Certification	CE · ISO 9001

SETUP · STEP 1 OF 3

Mount it.

Before you begin

- Choose a spot 2.5–3 m high — this is the optimal height for fog performance.
- Point the nozzle across the space you want to protect, never at people, pets or escape routes.
- Keep the device **unpowered** and any control switch **off** until installation is complete.

Installation steps

1. Fix the bracket to the wall or ceiling using the supplied screws.
2. Attach the X1 securely to the bracket — always before connecting any wiring.
3. Wire the Phoenix plug: red wire to +, black wire to – , and insert it into the rear socket.
4. Connect the panic button to the COM / NC / NO terminals.
5. Optional: connect your alarm system's output relay to the GND / PO terminals.
6. Connect the power adapter last — the X1 will begin arming (next page).

Most customers finish in about 20 minutes. Prefer a walkthrough? The FogAway app has a guided, photo-by-photo version of this page.

SETUP · STEP 2 OF 3

Power on & arm.

- **Arming (first 5 seconds).** When power is connected, the red light turns on and the blue light flashes. During these 5 seconds the X1 will not fire — this delay protects you from false triggers.
- **Armed.** After 5 seconds the blue light turns off and the red light stays on: the X1 is live and ready to deploy fog.

Triggering the fog

- **Panic button:** press and hold for more than 2 seconds — fog fires immediately.
- **Remote control:** press and hold the trigger for more than 2 seconds.
- **FogAway app (Tuya Smart):** open your X1 in the Tuya Smart app, tap Activate and confirm.
- **Alarm integration:** the X1 fires only when your alarm's relay signal stays closed for more than 2 seconds. Shorter pulses — like the alarm's self-tests — are ignored, so routine system checks can never fire the fog by mistake.

SETUP · STEP 3 OF 3

After an activation.

! WARNING — EXTREME HEAT !

AFTER FIRING, THE NOZZLE AND CARTRIDGE ARE VERY HOT. DO NOT TOUCH THE DEVICE. REPLACE THE CARTRIDGE ONLY AFTER IT HAS FULLY COOLED — NORMALLY AROUND 2 HOURS.

- Leave the space and let the fog do its job — it stays dense for 30–45 minutes.
- The fog clears by itself and leaves no residue. Ventilating speeds it up.
- Each cartridge is single-use: after a full activation, install a fresh one to re-arm.

The orange light — check before touching

- **Orange light OFF:** the device is idle and safe. You may test or replace the cartridge.
- **Orange light ON:** the device is in a trigger state — with a cartridge installed it will fire the moment power is applied. Disconnect power and wait for the light to clear before handling.

Replacing the cartridge

1. Unplug the power adapter.
2. Remove the casing screws and take out the spent cartridge.
3. Disconnect its wires from the 2P terminal block.
4. Connect and insert the new Fogaway cartridge, close the casing.
5. Reconnect power — the X1 arms itself and you're protected again.

MAINTENANCE

Functional test before a new cartridge.

Before installing a fresh cartridge, verify the electronics are healthy. You'll need a multimeter.

- 1. Unplug the power adapter, remove the cartridge, and disconnect its wires from the 2P terminal block. Connect the multimeter to the terminal instead.
- 2. Set the multimeter to DC voltage and reconnect the power adapter. The reading should stay at **0 V**. If it shows anything between 0–12 V at rest, the switch or control board may be damaged — stop and contact support.
- 3. Trigger the device with the panic button, remote or app. The reading should jump to **12 V**. If it does, the test has passed — disconnect power and install the new cartridge.

Status light reference

Red on · blue flashing	Arming — first 5 seconds after power-up, firing disabled
Red on · blue off	Armed and ready
Orange off	Idle — safe to test or replace the cartridge
Orange on	Trigger state — will fire when powered. Disconnect and wait

HELP

Troubleshooting.

No lights on power-up	Check the adapter connection and the Phoenix plug polarity (red +, black –)
Fires during alarm self-test	It shouldn't — signals under 2 s are ignored. Check your relay wiring on GND / PO
Remote doesn't trigger	Hold for a full 2 seconds; check remote battery; stay within range
Multimeter shows 0–12 V at rest	Possible switch or control-board fault — contact support before installing a cartridge
Fog output seems weak	Confirm installation height is 2.5–3 m and the cartridge is genuine and unfired

Care

- Keep the nozzle dust-free — wipe with a dry cloth only, with power disconnected.
- Once a month, glance at the status lights (or open the app) to confirm the X1 is armed.

Warranty & support

The Fogaway X1 is covered by a 2-year limited warranty against manufacturing defects. The warranty does not cover damage from incorrect installation, misuse or non-original cartridges.

We answer fast: support@fogaway.shop · visit us at <https://fogaway.shop> · order tracking at fogaway.shop/track

fogaway — invisible protection. instant impact.