

# PATENTED SOLID FOG FORMULA COLD SMOKE TECHNOLOGY



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Sichuan Verinuo Intelligent Technology Co.,Ltd.

## COLD SMOKE TECHNOLOGY



### About Us

ISO . CE

ISO9001&ISO14001, CE

3000M<sup>2</sup>

3,000 m<sup>2</sup> production base

10+Year

10+years R&Dexperience

Cold smoke

cold smoke technology

Health

Disinfection smoke

Security

Life and property protection



### HAM-FL-Z/R

#### Fast Fogging Speed

- 1S 1 second trigger fog
- 3S 3 seconds protect critical area
- 8S 8 seconds filled with 100-150m<sup>3</sup>

#### Fog Features:

- Non-toxic
- Biodegradable
- Cold Smoke
- Non-crossive,less residue
- 5 seconds emission/40 minutes duration
- Harmless to humans and animals

#### Device Features:

- Aluminium case
- 100-150m<sup>3</sup> closed area protection
- Panic button/RF remote control, switch signal
- No heating time
- Fog cartridge easily refilled
- Integration with existing alarm system
- Ultra-low power consumption

### HAM-FL-RPT

#### Fast Fogging Speed

- 1S 1 second trigger fog
- 3S 3 seconds protect critical area
- 8S 8 seconds filled with 100-150m<sup>3</sup>

#### Fog Features:

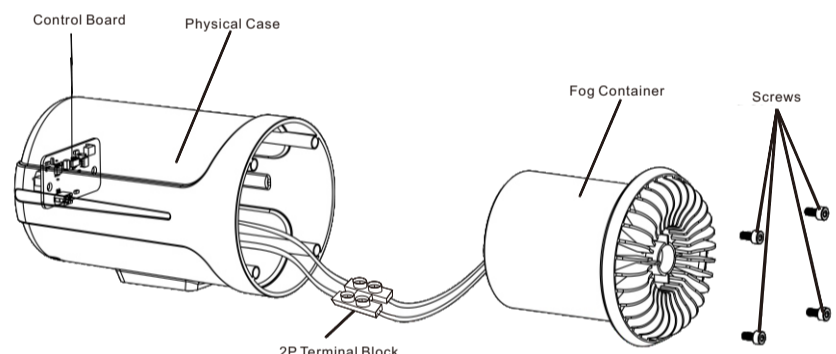
- Fog performance same as HAM-FL-Z/R

#### Device Features:

- Aluminium case
- 100-150m<sup>3</sup> closed area protection
- No heating time
- Ultra-low power consumption
- Panic button/RF remote control, switch signal
- TUYA Smart life App set up. smart scene supported on App
- Integration with existing alarm system

Other wireless module built in supported

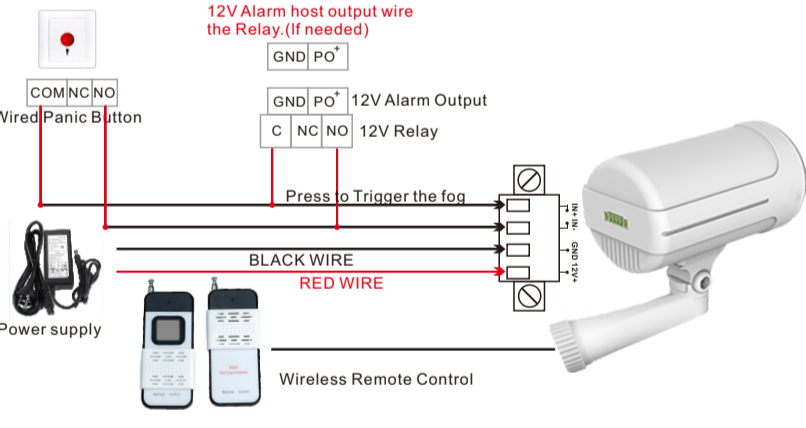
### Exploded view



### Model Descriptions

Model No.	Features	Remark
HAM-FL-Z	Trigger the fog by Panic Button & On-off Switch.	One time fog ejection, then need to refill with new fog cartridge
HAM-FL-R	Trigger the fog by Panic Button & On-off Switch, RF remote control.	
HAM-FL-RPT	Trigger the fog by the switch, RF remote control, and Tuya SMART LIFE mobile App.	

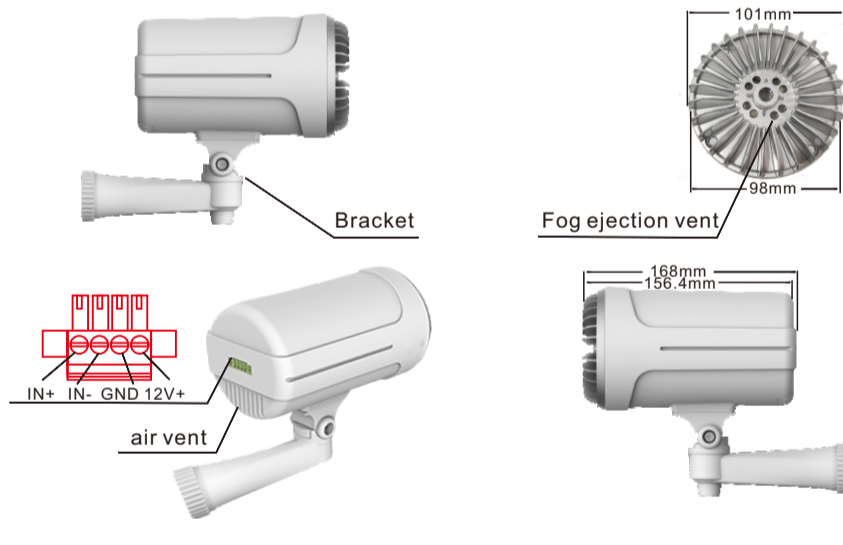
### Remote Control and Panic Button Fog Trigger



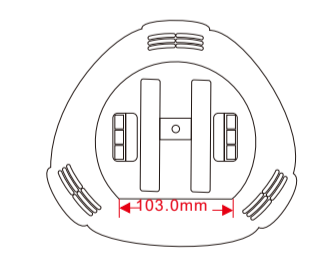
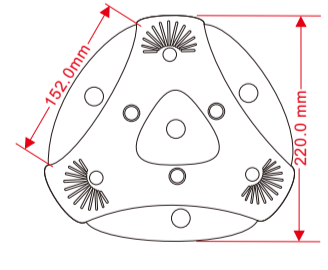
### Specification

Fog type	Solid, Non-toxic smoke.
Fog coverage	100-150m <sup>3</sup> (installation height 2.5-3 meters) enclosed or semi-enclosed area).
Fog features	Cold smoke, fog ejection in 1 second, protect critical areas in 3 seconds, cover the protected area in 8 seconds.
Power Consumption	0 ~ 24W
Working Temperature	-10°C ~ 50°C
Working Humidity	0 ~ 60%
Power supply	DC 12V/3A
Installation Method	Wall/Ceiling mount
Fog Duration	30-45minutes
Certifications	CE, ISO9001

### Physical Function Description



### HAM-FH



### Fog Features:

- Non-toxic
- Biodegradable
- Cold Smoke
- Non-crossive,less residue
- 8 seconds emission /40 minutes duration
- Ultra-low power consumption
- Harmless to humans and animals
- 150 m<sup>3</sup> in 15 seconds

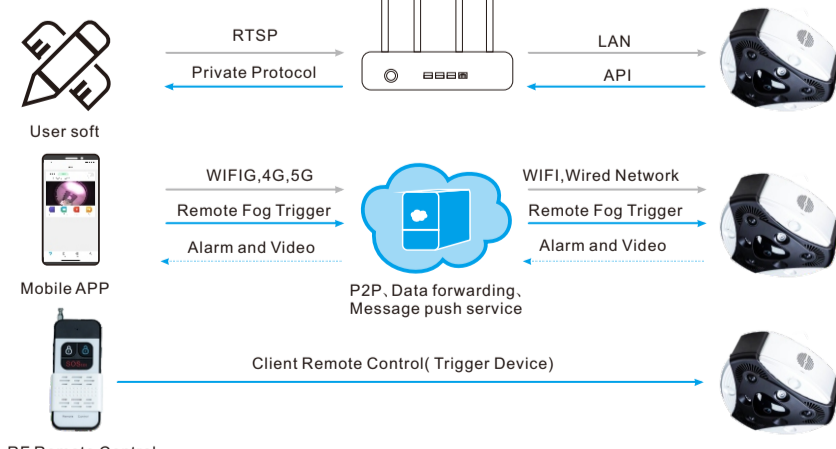
### Device Features:

- Plug and Play
- 100-150m<sup>3</sup> closed area protection
- WIFI/LAN
- Fog emission
- Two way audio
- More enhanced active security system
- Support integration, customized development and similar technical service

### Specification

Name	Model	HAM-FH(JT-043S)
Camera	Name	Smart FOG Generator
	Image Sensor	1/2.9" 2Mega CMOS Image Sensor
	Active Pixel Array	1902 x 1080
	Lens	1.3mm@F2.2 , Diagonal Field of View 180° All Glass Lens
	Day and Night Mode	IR-CUT Infrared Filter Type
Compression Standard	Motion Detection	On/Off/Sensitivity Adjustment
	Video Compression Standard	H.264
Image	Maximum Image Size	Support Two Streams:1920x1080@30fps,640x360@30fps Capture: 1920*1080 JPG
	Frame Rate	Default 15 Frames
Network	One-key configuration	Configure the external network through AP search
	Protocol	P2P protocol
Interface	Storage Interface	Micro SD card (maximum support 128G)
	Power Interface	DC 12V@5A
	Wired Network Interface	1 RJ45, 10/100M/Adaptive/Ethernet/Interface
	Frequency Range	2.4~2.4835GHz
	RF Distance	50 meters indoors, 100 meters outdoors without shelter
Alarm	Alarm Sensor	3 Pieces of PIR Sensors Built-in
General Parameters	Operating Temperature and Humidity	Temperature: -10°C-45°C Humidity: less than 60% (no condensation)
	Infrared Irradiation Distance	10-15 meters
	Package Dimension:	255*150*345mm

### HAM-FH Remote Control Topology



### Certificates



### Application

