

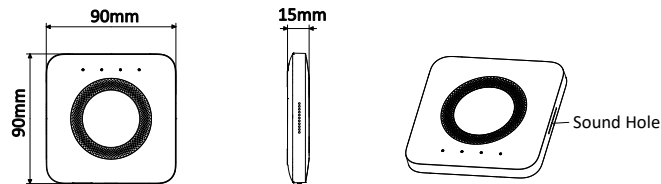


Wireless Gateway
User Manual

UD45151B-C

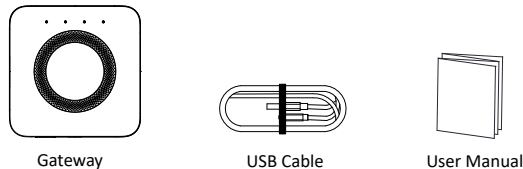
Product Information

Appearance



Pack List

*All device's appearances are subject to the one you bought.

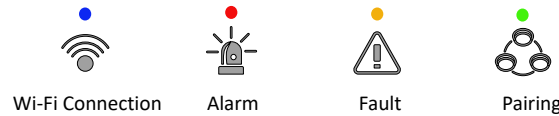


Indicator & Speaker

Operation Status

Mode	Indicator	Speaker
Power On	Blue, red, yellow and green lights flash once respectively	1 quick beep
Standby	Blue light is always on	Off
Alarm	Red light is always on	Beep (customized)
Fault	Yellow light is always on	Beep every 50s
Connecting to Wi-Fi	Blue light flashes slowly	1 quick beep
Connecting to Wi-Fi Succeeded	Blue light is always on	Off
Connecting to Wi-Fi Failed	Off	Off
Start Pairing	Green light flashes slowly	3 quick beeps
Pairing Succeeded	Green light flashes quickly for 2s	2 quick beeps
Pairing Failed	Red light flashes quickly for 2s	A long beep for 2s
Restore Factory Settings	Green light flashes quickly for 2s	2 quick beeps
Night Mode	Off	Off (except for alarms)
Silence	Red light is always on until alarm is cleared	Off

Indicator Definition



Device Adding & Wi-Fi Connection

1. Scan the QR code below to install Hik-Protect/Hik-Connect APP.



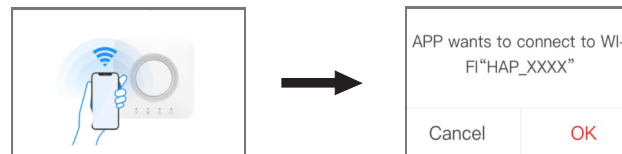
2. In the APP, click "+" icon to scan the QR code on the device.
3. Follow APP guide to add gateway. Device name and room can be customized.
4. Enable Pairing Mode

After gateway is added, it will automatically enter pairing mode, with blue light flashes slowly. If the blue light is not flashing, manually enable pairing mode as follows.

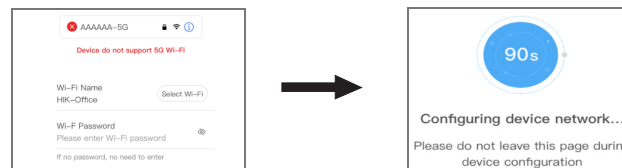


*Ensure gateway is powered and phone Wi-Fi is on before setup.

5. Follow APP guide and connect your phone to device hotspot.



6. Follow App guide and connect the device to Wi-Fi.



*Gateway gives voice prompts during setup.

Add Detector

After detector is paired with the gateway, you can receive push notifications at any time, stay updated on detector's status, and remotely operate via your phone.

Prerequisite: Before adding the detector, ensure that a compatible gateway has been added and is online.

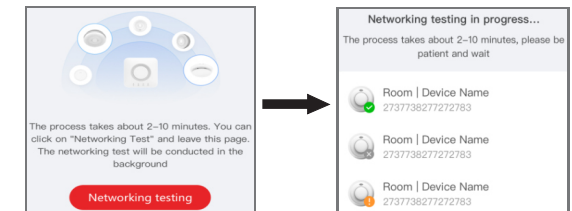
1. In the APP, click "+" icon.
2. Follow APP guide to manually add detector. You can customized device name, interconnected gateway and room.
3. Follow APP guide to power on detector, enter pairing mode, and etc. When green light flashes quickly for 2 sec and stays on, and speaker emits 2 quick beeps, the detector is paired. Gateway gives voice prompts during setup.

*When pairing, all devices need to be operated within 3 meters. Up to 30 detectors can be added to a gateway.

The pairing time is 90 sec. If it times out or pairing fails, repeat the operation.

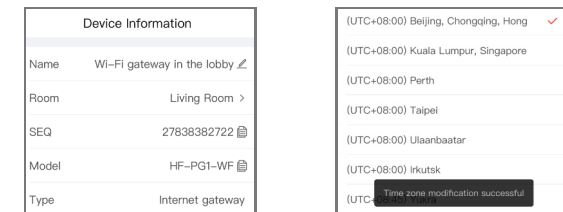
Networking Testing

After detector is paired with the gateway, you need a testing to ensure its normal operation. Open the APP, enter "Device Setting" page, and click "Networking Testing". The test results will be displayed after completion.



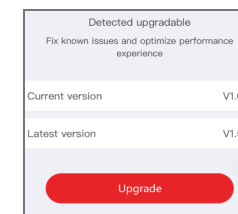
Gateway Setting

Open the App and enter "Device Setting" page to perform more operations, such as editing device information, editing time zone, rebooting device and upgrading.

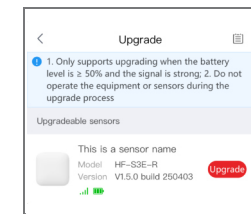


Edit Device Information

Edit Time Zone



Upgrade Device



Upgrade Sensor and Peripheral

*Performing operations above on detectors is also supported on the APP.

Function

Interconnected Alarm (Smoke Detector as Example)

When alarm is triggered by a smoke detector interconnected with the gateway, the system immediately sends a push notification to the APP. The gateway activates the alarm with a steady red light, and speaker emits customized beeps. You can locate the alarm source via APP.

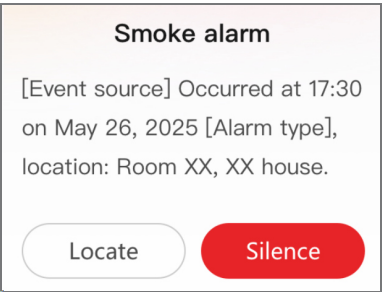


Locate Alarm Source

When smoke alarm is triggered, you can locate the alarm source via App or by pressing silence button. Gateway gives voice prompts during setup.

Silence

When alarm is cleared, you can silence the alarm via App or by pressing silence button. Then the alarm source and interconnected devices will remain silenced until a new alarm is triggered. The silence duration is 12 min. Gateway gives voice prompts during setup.



Restore Factory Settings

Open the APP, enter "Device Setting" page, and click "Restore Factory Settings". Then detectors will be automatically deleted on the APP, while the gateway device remains. Follow the steps in "Wi-Fi Connection" to reconnect to Wi-Fi, and the interconnected detectors will be synchronized and added. Gateway gives voice prompts during setup.

Night Mode

Open the App, enter "Device Setting - Parameter Settings" page, and enable night mode. Then the gateway's indicator light and speaker will be off except for alarms. Custom night working hours are supported.

Specification

General	
Communication Mode	HF-PG1-WF/R8(O-STD): Wi-Fi, 868MHz HF-PG1-WF/R(O-STD): Wi-Fi, 433MHz
Indicator Light	Red: Alarm Blue: Wi-Fi Connection Status Yellow: Fault Green: Pairing
Volume	HF-PG1: 80 dB @ 1m
Power	DC 5V; Powered via Type-C port The power source should meet limited power source or PS2 requirements according to IEC 62368-1 standard
Working Temperature	-10 ℃ ~ 55 ℃
Working Humidity	5%~95%(non-condensing)
Weight	96 g (device only)
Dimension (L × W × H)	90 mm * 90 mm * 15.2 mm
Installation	Desktop
Communication Distance	Wi-Fi: 50m; 868MHz/433MHz: 1000m (In an open and unobstructed area)

Safety Information

Please read all the safety information carefully before using.

- In the use of the product, you must be in strict compliance with the electrical safety regulations of the nation and region.
- Correctly install and maintain the gateway. Although gateway can help save lives by providing an early warning of a fire, they are not a substitute for an insurance policy. Home owners should have adequate insurance to protect their lives and properties.
- Install the gateway according to the instructions in this manual.
- This is a Class B product, which may cause radio interference in the living environment. In this case, users may be required to take practical measures against interference.
- Please do not place the device in areas that children can touch.
- Please disconnect all power supplies during maintenance.
- Please power off during device wiring and installation.
- Do not place exposed flame sources, such as lit candles, on the device.
- To ensure the normal function of the detector, do not use a large amount of items such as mousse, insecticides, diluents, etc. that can produce gel like suspended solids near the detector.
- To reduce the risk of fire or electric shock, do not let indoor equipment be exposed to rain or moisture.
- Please do not drop objects onto the device or vigorously vibrate the device, and keep the device away from locations with magnetic field interference. Avoid installing the device in a place that is prone to surface vibration or impact.
- The carbon monoxide alarm information with a silent alarm device should include a warning. If there is any doubt about the cause of the alarm, it should be assumed that the alarm is caused by the hazardous level of carbon monoxide and residential areas should be evacuated.
- Carbon monoxide is harmful to the body. This device may not be able to prevent the chronic effects of carbon monoxide exposure, and it may not fully protect individuals in special danger.
- If there is any doubt about the cause of the alarm, it should be assumed that the alarm is caused by the hazardous level of carbon monoxide and residential areas should be evacuated.
- Keep the packing so that in case of any problem, pack the gateway in its original packing and send it to the agent or return it to the factory for disposal.
- If the gateway does not work properly, contact the dealer or the nearest service center. Never attempt to disassemble the detector yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)

English
Regulatory Compliance and Safety Information

Read all information and instructions in this document carefully before using the device and keep it for further reference.

For more device information and instructions, please visit our website at <https://www.hikvision.com>. You can also refer to other documents (if any) accompanying the device or scan the QR code (if any) on the packaging to get more information.

About this Document

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