Wireless Environment Quality Detector

CT-EDWF4004-BL
Wireless Environment Quality Detector

Introduction

With the rapid development of science and technology and the progress of modern life, some environmental factors will affect the normal operation of our equipment and systems, temperature, humidity, light and noise are some of the five key indicators of environment. With the improvement of living standards, monitoring of temperature, humidity, light and noise have come into our daily life.

Wireless Environment Quality Detector is a device which compatible with WiFi technology. It has the advantages of low power consumption, low data rate, low complexity of wireless network technology, but also has the advantages of high reliability and stability. What's more, the device can capture the environmental temperature, humidity, light and noise data accurately.

Technical Information

● Local and remote wireless control

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- Monitor of temperature, humidity, light and noise

- Capture the environmental temperature, humidity, light and noise data accurately

- Can automatic control the air conditioning, humidifier and other ventilation devices

Specifications

- Radio protocol：WiFi (802.11 b/g/n)

- Power supply：DC 5V

- Input current：1.0A

- Wireless Power：0.5W

- Dimension：72mmx 67mm x 112mm

Operation

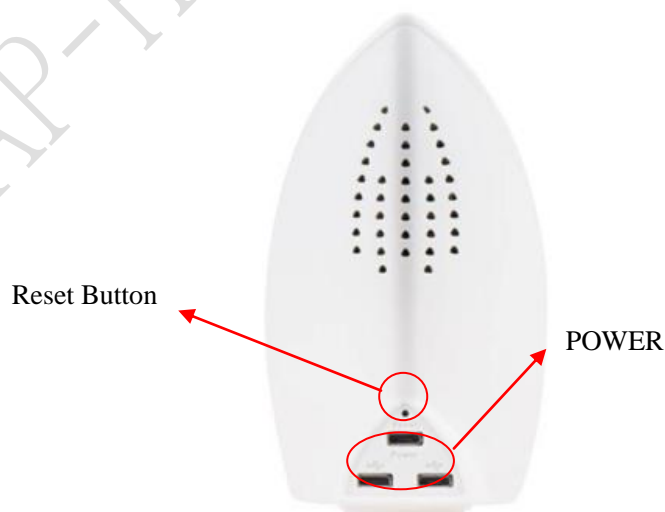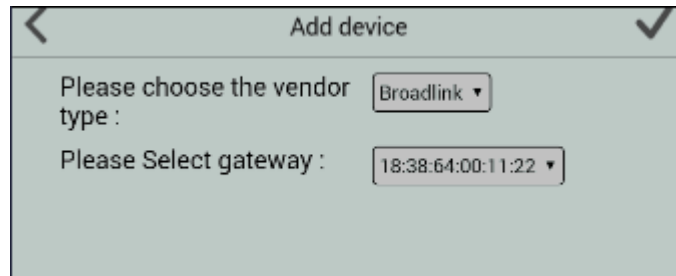As shown in Figure 1, there is a Reset button and three power supply jack on the back of the device.

Reset Button

POWER

Fig.1

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Including of WiFi Network

1) Ensure the device with adequate power, and in the power-on state.

2) Press and hold the Reset button for 5 seconds and then release the button, until the device flash quickly with a green light.

3) Choose " Broadlink " to enter the Network Inclusion mode on the APP, then click " ✓ ".

4) Check the status of the WiFi Indicator LED, if the green light flashe slowly confirming the device is connecting to the wireless network, if the green light stop flashing confirming the device has been included into the network.

5) Please go to the device list interface, and refresh the device list, the device will be displayed.

Installation Instructions

INSTALLATION PLACE

Wireless Environment Quality Detector is suggested to be installed indoor, a place with around 1.0m height above the floor where represents the average temperature, humidity, light, PM 2.5 and noise concentration. It should be away from direct sunlight, any cover, or any heat source, to avoid false signal for detection.

INSTALLATION TIPS

Install this device, no additional wiring, please insert the power adapter into the DC hole，which can make the installation completed. .

a) The adapter specification: Input: 100V-240V AC

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Output: 5V DC

b) Because this device is a WiFi device, please place it in the WiFi range, in order to ensure the remote control effect when installing.

Safety Notice

➢ This device is a wireless communication product, please do not place the device to work in the metal container, in case the signal is blocked.

➢ Keep the device away from a strong sunlight, humidity, high temperature, dust or mechanical shock.

➢ Keep the device away from acid-base and other corrosive solids, liquids, gases, to avoid damage.

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