

# WiFi Electronic Labels Working Status Description

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## 1. The meaning of different flashing LED lights

**1.1 The blue light flashes slowly (once every 500ms):** the electronic label enters the configuration mode.

**1.2 Blue light flashes quickly (once every 100ms):** The WIFI-Tool is connected to the electronic label.

**1.3 The blue light flashes super fast (once every 50ms):** The parameters are set successfully and the label will be restarted.

**1.4 The red light flashes at intervals,** indicating that the electronic label is not connected to the WiFi router. After plugging in the USB, the green light turns on. Unplug the USB, the green light turns off.

## 2. Configuration mode

### 2.1. How to enter configuration mode

First, press and hold the button on the panel without releasing it, and then press the small hole (reset hole) on the back of the electronic label. At this time, the green light will light up. After about 5 seconds, the green light will flash. You can release the button at this point. Then, the blue light starts to flash slowly, indicating that the system has entered configuration mode.

### 2.2. WIFI-Tool tool configuration parameters

The image displays three screenshots related to the WIFI-Tool configuration:

- New ApiKey value of the background server:** A table listing API keys for different rooms.
- WIFI router Settings:** A configuration panel for wireless network settings.
- WIFI Tool Ver1.0.35:** The main configuration window for the tool, with red arrows pointing to the fields filled with data from the other screenshots.

#	Name	ApiKey
1	102 Inch Test Routine	245a70aa050c335d8380f12
2	Meeting Room	abc779c3380511ca761b29

**WIFI router Settings**

Wireless network status:

Wireless Network Name (SSID): CW-2G4

Internal isolation:

Hide wireless networks:

Encryption method: WPA-PSK/WPA2-PSK (Recom)

Type of certification: WPA2-PSK

Encryption algorithm: AES

Wireless Password: corewind2

Group key update cycle: 86400

**WIFI Tool Ver1.0.35**

ApiKey: 245a70aa050c335d8380f12

Security Type: WPA2

WiFi SSID: CW-2G4

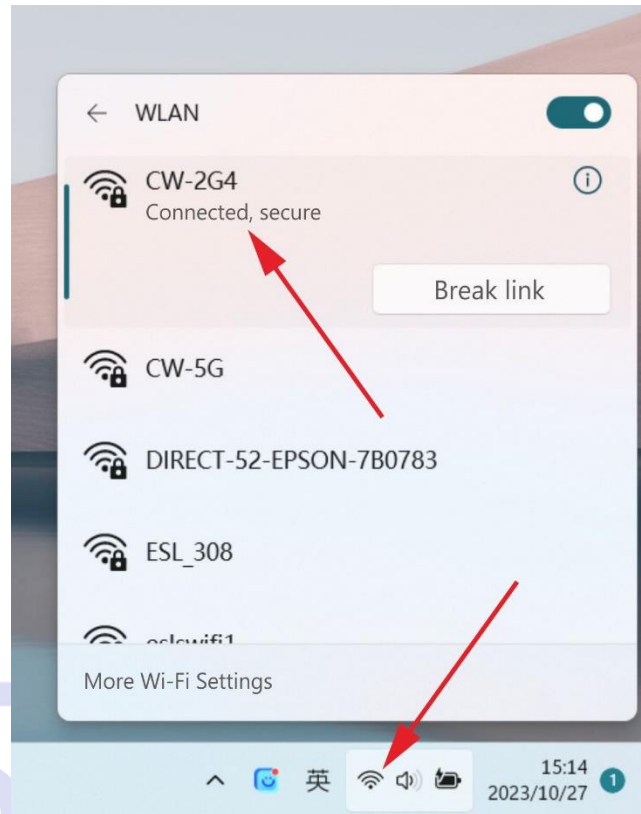
WiFi Password: corewind2

MQTT Broker IP: 192.144.234.153

MQTT Broker Port: 8083

SSID Hidden:

**Tip:** After the label enters configuration mode, you can click the "WLAN" in the lower right corner of the computer to check the electronic label



### 2.3. Exit configuration mode

After configuring the parameters, the electronic label exits configuration mode automatically and then enters normal mode.

## 3. Normal mode

1. The red light flashes every once in a while, means that the electronic label has not yet connected to the WiFi.
2. After plugging in the USB, the green light turns on. Unplug the USB, the green light turns off.