

WTHM IoT

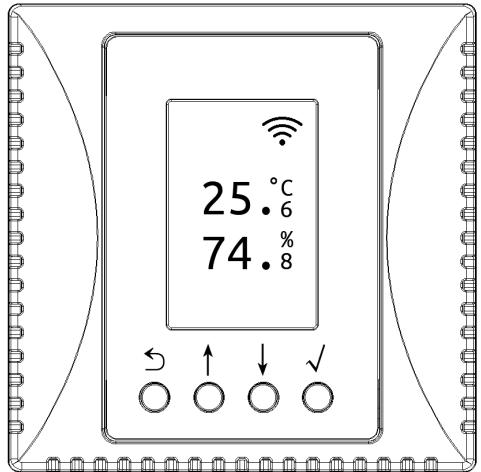
None

None

None

Table of contents

1.	3
2.	4
2.1	4
2.2	4
2.3 WLAN	4
2.4 TTL 3.3V UART	4
2.5	4
3.	5
3.1	5
3.2	5
3.3	5
4. Wi-Fi	7
4.1 1.	7
4.2 2. Pad	7
4.3 3. Wi-Fi	8



WTHM IoT Monigear

WTHM

WCO2

WVOC TVOC

WTHM IoT 2.4G Wi-Fi

USB Type-C 5V

WTHM IoT Modbus TCP, SNMP, BACnet, and MQTT

WTHM IoT AWS/Azure/Tuya IoT cloud Home Assistant, IFTTT, Email

FCC/CE/RoHS

2.

2.1

- -25 ~ +65 °C
 - ±0.2 °C (@ 0 ~ 65 °C), ±0.5 °C (@)
 - ±0.4 °C (@ 0 ~ 65 °C), ±0.8 °C (@)
-
- 0 ~ 100 %RH
 - ±2 %RH (@ 10 ~ 90 %RH), ±3 %RH (@)
 - ±3.5 %RH (@ 10 ~ 90 %RH), ±5%RH (@)

2.2

- USB Type-C 5V 100mA 200mA
- DC DC12V DC9~28V

2.3 WLAN

IEEE 802.11 b/g/n 2.4 GHz Wi-Fi

2.4 TTL 3.3V UART

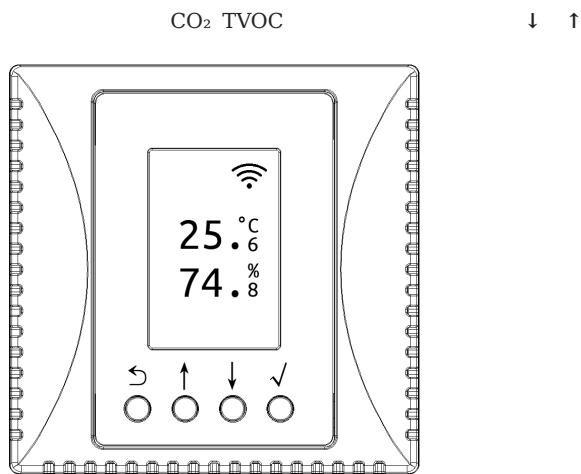
TXD	Transmit pin
RXD	Receive pin
GND	Signal ground pin

2.5

- x x 86 x 86 x 43mm

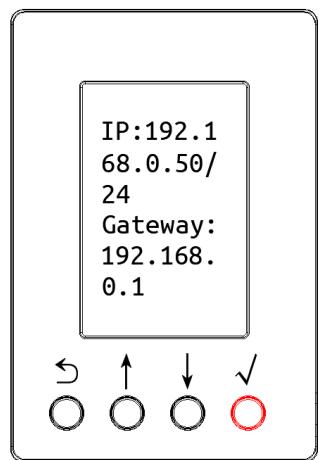
3.

3.1



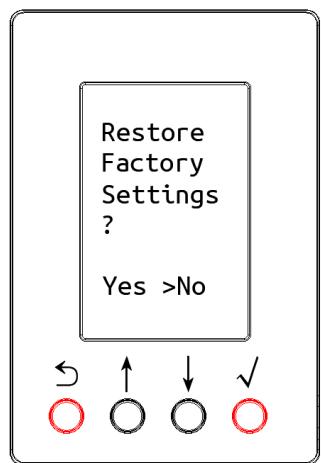
3.2

✓ 1 ip MAC Wi-Fi



3.3

◦ ✓ 5

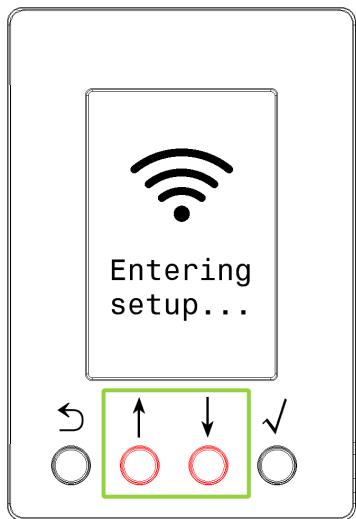


4. Wi-Fi

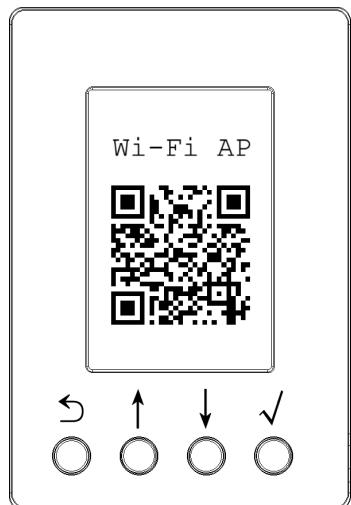
WTHM Wi-Fi Wi-Fi AP SSID
⚠ WTHM IEEE 802.11 b/g/n 2.4 GHz Wi-Fi 5G Wi-Fi

4.1 1.

WTHM ↑ ↓ 3 Wi-Fi "Entering setup..."



Wi-Fi AP Wi-Fi



4.2 2. Pad

Pad

⚠ iOS / Android
 •
 • -> WLAN
 •
 WTHM-xxx Wi-Fi
 WTHM Wi-Fi

18:25 84

← Monigear WTHM ⋮

MONIGEAR

WiFi Config

Device Status

Wi-Fi Configuration

* Wi-Fi Name (SSID)

Select or enter Wi-Fi name (SSID)

* Password

Enter Wi-Fi password

Submit

Enter the credentials for the Wi-Fi
the device will connect to.

Wi-Fi SSID Submit

4.3 3. Wi-Fi

WTHM

Wi-Fi

Wi-Fi

 Wi-Fi

(Personal Security Protocols) Wi-Fi (AP)

- WPA-Personal / WPA2-Personal (PSK, Pre-Shared Key)
 - WPA3-Personal (SAE, Simultaneous Authentication of Equals)
 - WPA2/WPA3 / (Mixed/Transition Mode)
-
- (Enterprise Authentication) WPA/WPA2/WPA3-Enterprise (802.1X/EAP)
 - (Open / Unsecured Networks)
 - WEP (Legacy WEP protocol)