Product Description:
This product is a safety device that integrates carbon monoxide (CO) detection alarm and intelligent remote heater switch, designed for home, outdoor, camping and other scenes. By real-time monitoring of carbon monoxide concentration in the environment, "double safety protection" ensures that users are away from the risk of carbon monoxide poisoning.

When the carbon monoxide concentration exceeds the alarm standard, open the windows for ventilation in time, evacuate the current environment immediately, and monitor the current environment.



Scan the QR Code to get more info

1. Decrease button
2. Setting button
3. Power button
4. Add button
5. LCD display window

Product features

- **Intelligent remote control heater switch:** When matched with the heater switch, it can control the heater switch and know the working status of the heater switch.
- **Detection of carbon monoxide (CO) concentration:** You can view the current environmental carbon monoxide (CO) concentration and conduct detection. When it exceeds the standard, an alarm will be triggered. If it exceeds the standard seriously, the heater switch will be automatically controlled to turn off the heater.
- **Detect current ambient temperature:** Displays the current ambient temperature and when the heater switch is connected, selects the ambient temperature detected by the heater switch or the ambient temperature detected by this product.
- **Display current time:** Can display the current time. When connected to the heater switch, it automatically changes to the current time displayed on the heater switch.

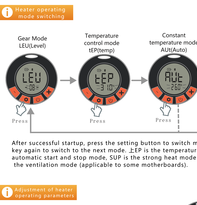
Matched with heater switches



When the device is turned off, long press the add button. When the Bluetooth icon flashes, it indicates that the device is waiting for a match. At this point, turn on the matching mode of the heater switch. If the match is successful, the Bluetooth icon remains constant and the device will directly display the current status of the heater switch. If the match is unsuccessful, the device will be turned off.

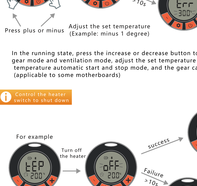
⚠ (Note that when the match is successful, the last matched data will be cleared and then the match will be repeated.)

The smart remote control is powered on



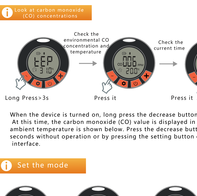
In the off state, press and hold the power button for 2 seconds to turn on the device. After turning on, the Bluetooth icon will flash, and the device will search for the matched heater switch and connect. If it does not flash or is not lit, it means that the heater switch has not been matched, and it needs to be matched with the heater switch again. When the connection is successful, it will be displayed directly

Control the heater switch to turn on



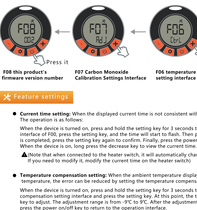
After connecting to the heater switch, when the display interface is off, press the switch to power on. If the power on is successful, the current status of the heater switch will be displayed. If the connection is unsuccessful, the device will be turned off

Heater operating mode switching



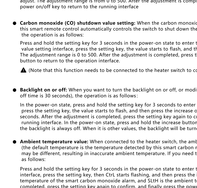
After successful startup, press the setting button to switch modes. LEL is the gear mode. Press the setting key again to switch to the next mode. 1.5P is the temperature control mode. RUE is the constant temperature automatic start and stop mode. SUP is the strong heat mode (applicable to some motherboards), and FRN is the ventilation mode (applicable to some motherboards).

Adjustment of heater operating parameters



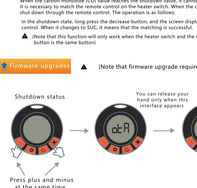
In the running state, press the increase or decrease button to adjust the parameters, adjust the gear in the gear mode and ventilation mode, adjust the set temperature in the temperature control mode and constant temperature automatic start and stop mode, and the gear cannot be adjusted in the strong heating mode (applicable to some motherboards)

Control the heater switch to shut down



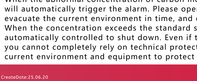
When in operation, press the power button to control the heater switch to turn it off. At this time, the screen will display "OFF". After the heater switch is turned off, this smart remote control will wait for a period of time and then automatically turn off the screen and enter the shutdown mode. If you need to turn it on, you should first turn on this smart remote control.

Check carbon monoxide (CO) concentrations



When the device is turned on, long press the decrease button to check the carbon monoxide (CO) value. At this time, the carbon monoxide (CO) value is displayed in the middle of the screen, and the current ambient temperature is shown below. Press the decrease button again to view the current time. After 10 seconds without operation or by pressing the setting button once, it will automatically return to the status interface.

Set the mode



Feature settings

- **Current time setting:** When the displayed current time is not consistent with the actual time, you can modify it through the setting mode. The operation is as follows:
  When the device is turned on, press and hold the setting key for 3 seconds to enter the setting mode. Adjust to the current time setting interface of F00, press the setting key, and the time will start to flash. Then press the increase or decrease key to adjust. After the adjustment is completed, press the setting key again to confirm. Finally, press the power on/off key to return to the operation interface. When the device is on, long press the decrease key to view the current time.
  ⚠(Note that when connected to the heater switch, it will automatically change to the current time displayed on the heater switch. If you need to modify it, modify the current time on the heater switch)
- **Temperature compensation setting:** When the ambient temperature displayed by the heater deviates greatly from the actual ambient temperature, the error can be reduced by setting the temperature compensation value. The operation is as follows:
  When the device is turned on, press and hold the setting key for 3 seconds to enter the setting mode. Adjust to the F01 temperature compensation setting interface and press the setting key. At this point, the temperature starts to flash. Then press the increase or decrease key to adjust. The adjustment range is from -9°C to 9°C. After the adjustment is completed, press the setting key again to confirm. Finally, press the power on/off key to return to the operation interface.
- **Temperature unit switching:** In the power-on state, press and hold the setting key for 3 seconds to enter the setting mode, adjust to the F02 temperature unit setting interface, press the setting key, the temperature unit starts to flash, and then press the increase or decrease button to adjust. After the adjustment is completed, press the setting key again to confirm, and finally press the power button to return to the operation interface.
  ⚠Note that when connected to a heater switch, it automatically changes to the temperature unit on the heater switch. If you need to change, change the temperature unit on the heater switch
- **Carbon monoxide (CO) alarm value setting:** When the carbon monoxide (CO) alarm value reaches 50 PPM (default value), this smart remote control will emit a beeping sound to alarm. If you need to modify the alarm value, the operation is as follows:
  When the device is turned on, press and hold the setting key for 3 seconds to enter the setting mode. Adjust to the F03 carbon monoxide alarm value setting interface and press the setting key. At this point, the value starts to flash. Then press the increase or decrease key to adjust. The adjustment range is from 0 to 500. After the adjustment is completed, press the setting key again to confirm. Finally, press the power on/off key to return to the running interface
- **Carbon monoxide (CO) shutdown value setting:** When the carbon monoxide (CO) alarm value reaches 100 PPM (default value), this smart remote control automatically controls the switch to shut down the heater. If you need to modify the shutdown value, the operation is as follows:
  Press and hold the setting key for 3 seconds in the power-on state to enter the setting mode, adjust to the F04 carbon monoxide shutdown value setting interface, press the setting key, the value starts to flash, and then press the increase or decrease button to adjust. The adjustment range is 50-500. After the adjustment is completed, press the setting key again to confirm, and finally press the power button to return to the operation interface.
  ⚠(Note that this function needs to be connected to the heater switch to control the heater switch to shut down, otherwise it will only alarm)
- **Backlight on or off:** When you want to turn the backlight on or off, or modify the backlight automatic off time (default is on, automatic off time is 30 seconds), the operation is as follows:
  In the power-on state, press and hold the setting key for 3 seconds to enter the setting mode, adjust to the F05 backlight setting interface, press the setting key, the backlight on or off starts to flash, and then press the increase or decrease button to adjust the backlight on or off or the range is 0 to 60 seconds. After the adjustment is completed, press the setting key again to confirm, and finally press the power button to return to the running interface. In the power-on state, press and hold the increase button to turn the backlight on or off. When it is 0 seconds, the backlight is always off. When it is other values, the backlight will be turned off according to the value when it is on.
- **Ambient temperature value:** When connected to the heater switch, the ambient temperature on the LCD screen will be synchronized (the default temperature is the temperature detected by this smart carbon monoxide alarm). The ambient temperatures of the two products may be different, resulting in inaccurate ambient temperature. If you need to modify the ambient temperature value object, the operation is as follows:
  Press and hold the setting key for 3 seconds in the power-on state to enter the setting mode, adjust to the F06 temperature value setting interface, press the setting key, then Ctrl. starts flashing, and then press the increase or decrease button to adjust. Ctrl. is the ambient temperature of the smart carbon monoxide alarm, and SUH is the ambient temperature of the heater switch. After the adjustment is completed, press the setting key again to confirm, and finally press the power button to return to the operation interface.
  ⚠(Note that if SUH is set to take the ambient temperature of the heater switch, when it is disconnected from the heater switch, it will take the ambient temperature detected by itself)
- **Carbon monoxide (CO) calibration:** When the carbon monoxide detection is inaccurate, please calibrate it in an open environment, as follows:
  In the power-on state, press and hold the setting button for 3 seconds to enter the setting mode, adjust to the F07 backlight setting interface, press the setting key, and then press and hold the setting button for 3 seconds to enter the calibration mode (the range is 0 to 60 seconds. After the adjustment is completed, press the setting key again to confirm, and finally press the power button to return to the running interface. In the power-on state, press and hold the increase button to turn the backlight on or off. When it is 0 seconds, the backlight is always off. When it is other values, the backlight will be turned off according to the value when it is on.
  ⚠(Note that when using this product for the first time or after long-term use, it is recommended to calibrate it in an open place)
- **Matching with the heater switch remote control:** This function is that some heater switches cannot be matched with this product. When the carbon monoxide (CO) value reaches the shutdown value, it cannot be shut down through the heater switch. At this time, it is necessary to match the remote control on the heater switch. When the carbon monoxide (CO) value reaches the shutdown value, shut down through the remote control. The operation is as follows:
  In the shutdown state, long press the decrease button, and the screen displays Add. Then long press the shutdown button on the remote control. When it changes to SUC, it means that the matching is successful.
  ⚠(Note that this function will only work when the heater switch and the remote control are successfully matched and the shutdown button is the same button)

Firmware upgrades

⚠ (Note that firmware upgrade requires the use of the firmware upgrade app)

In the off state, press and hold the increase and decrease buttons at the same time until the Bluetooth ID of this product appears. Then the device enters the upgrade interface and automatically exits this interface when no operation is performed.

Tips

To fully protect your safety, the **smart remote control** you are using has been linked to the switch of the heating equipment (such as the diesel heater). When the abnormal concentration of carbon monoxide (CO) is detected, the alarm will automatically trigger the alarm. Please open the window for ventilation in time, evacuate the current environment in time, and check the current environment. When the concentration exceeds the standard seriously, the heater switch will be automatically controlled to shut down. Even if the device supports automatic control, you cannot completely rely on technical protection! You need to actively check the current environment and equipment to protect your own safety.