EM2241-T1 Smart Manual

1, function

1.1, EM2241-T1 main function

* wireless transmission: support Bluetooth 4 wireless data transmission

* display: LCD display

* button: key switch machine - set alarm temperature - unit switch

* alarm: LED instruction

* low voltage: lower than 2.6V tips for low power.

* temperature measurement range: -30~300 degrees Celsius (-22~572 degrees Fahrenheit)

1.2, APP main function

* automatic or manual search for Bluetooth devices

* display the current temperature value of EM2241-T1

* file / temperature measurement / timer mode

* task start and end function

* unit selection function degrees Celsius / Fahrenheit

* file settings

* timer settings

* alarm bell setting

* history curve

* camera function

* user support

2, began to use

2.1, Download APP application software (EM2241-T1 Smart)

Connect the Store APP search EM2241-T1 Smart with the following device

*IPhone4S or above version (software IOS7+)

*IPad3 or above version (software IOS7+)

Mini *IPad (software IOS7+)

Touch5 *IPod or above (software IOS7+)

2.2, turn on the Bluetooth device

Click on the settings Icon ( ) - > Click - > click the open button box Bluetooth Bluetooth

2.3, EM2241-T1 installation on the pool (AAA)

(Illustrated)

2.4, insert barbecue fork

(Illustrated)

2.5, open EM2241-T1

Click LCD to open the key ->LCD full 3 seconds after entering the temperature detection mode.

2.6, open the APP software EM2241-T1 Smart

Click the icon to open the APP ( ) - > Enter Bluetooth interface click on the search]-> waiting for data reception.

3, technical parameters

* degrees: 1 degrees

* operating voltage: 2.6~3.3V

* working current: 1mA

* standby current: 20uA

Working conditions: temperature 0~+40 degree; relative humidity <80%RH

* storage temperature: -10~+50 degrees

4, function description

4.1 EM2241-T1 function description

4.1.1, Bluetooth 4 wireless data transmission

*EM2241-T1 uses 2.4G Low Power Bluetooth.

LCD, 4.1.2 display content

* display the measured temperature value.

* display alarm set temperature

* display measuring temperature units.

* displays the Bluetooth symbol and the data sending flag.

* display detecting error messages.

4.1.3, button operation

<SET> key

* press [SET] key to wake up.

* press the [SET] key to enter the sleep state.

* temperature mode short press [SET] key, enter alarm temperature setting state.

* set mode short press [SET] key to exit setup.

<+> key

* set mode short press [+] button, the alarm parameters accumulated.

* set mode long press [+] button, alarm quickly accumulate parameters.

< - > key

* set mode short press [-] keys, alarm parameters decrease.

* set mode long press button will, the alarm parameters rapid decline.

Short press key [-] * temperature mode, switching unit.

LED, 4.1.4 backlight

*LED display 3 colors are green, blue, red.

The current acquisition temperature is greater than or equal to the set temperature when the red light from the collection to the temperature is close to set the temperature when the blue light from the temperature is less than the set temperature of more than 10 of the light from the green light.

* does not operate when the LED about 10 seconds after the interest out.

4.1.5, low voltage alarm

* when the battery power is lower than LCD, the 2.6V screen displays "LO".

*EM2241-T1 send low power information to the APP, APP prompts to replace the battery and alarm.

*EM2241-T1 shows "LO" about 3 and then automatically goes to sleep.

4.1.6 temperature measurement range

*EM2241-T1 measuring temperature from -30~300 degrees (-22~572 degrees Fahrenheit)

* when the temperature is lower than the minimum temperature measurement display "LLL"

* when the temperature is higher than the maximum temperature measured value display "HHH"

* display "----" 3 seconds after it is not plugged in.

4.2 APP function

4.2.1 automatic or manual search for Bluetooth devices

* open EM2241-T1 Smart to enter the match screen beneath the display [search] or [lift] button.

* click [search]APP automatically find the surrounding Bluetooth devices, automatically connect and enter the temperature display interface.

* when Bluetooth connection failed the main interface [pairing] flashes.

* click on the release of the state]APP has been paired with the completion of the completion of the device, the user can connect to the new equipment.

4.2.2 temperature display main interface

* display EM2241-T1 temperature update value

* display set temperature value (file mode and temperature mode)

* display countdown setting time (countdown mode)

* menu setting key

* pairing key

* task start (stop) key

4.2.3 unit selection function

* click the settings button to enter the settings menu.

* click on unit selection

4.2.3 file selection function

* click the settings button to enter the settings menu.

* click on file options.

* click on the add food or delete the food that has been set.

* alarm temperature settings.

4.2.4 timer settings

Countdown setting parameters

4.2.4 alarm bell setting

* select alarm

4.2.5 camera function

* Click to take photos

4.2.5 user support

* user manual

5, matters needing attention

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including   interference that may cause undesired operation.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.