Manuals+ — User Manuals Simplified.

iToudai HT- 825 Temperature and Humidity Detection Recorder Instructions

iToudai HT- 825 Temperature and Humidity Detection Recorder Instructions

Contents

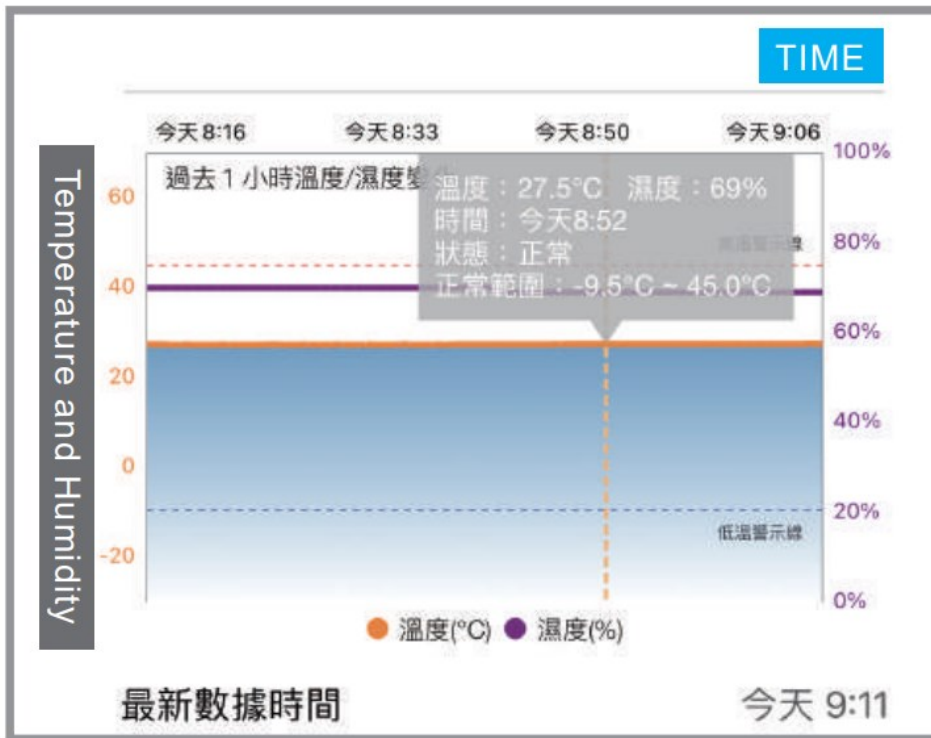**Temperature and Humidity**

- Recorder Type – With the dedicated APP, BLE can read 8000 recorded data.
- Beacon Type – Instant broadcast monitoring.

Feature

- Data reading, historical records, and alarm functions, if the set value is exceeded, the APP screen will flash to prompt.
- With APP monitoring data, it can automatically scan the surrounding Sensors, multi-point pairing, and the number of groups is not limited. (Use with WiFi α BLE WiFi Gateway)
- Record data can be exported to PDF, CSV format, and shared to FB, Line, Mail….(HT-RE825 limited)
- The built-in powerful magnet can be adsorbed on the metal surface, which is convenient for the detector to be fixed.
- Design and manufacture in Taiwan, quality assurance.

Application

These applications are most suitable for cleanroom manufacturing, semiconductor industry, biotechnology industry, hospitals and pharmaceutical storage environments, greenhouse plant cultivation environments, computer server rooms, warehouse logistics management, convenience store retailers, and wholesalers.

Specification

Bluetooth wireless temperature and humidity detection recorder

Ltem model	Record type HT-RE825	Beacon type HT-825
Temperature measurement range	built-in -10~60℃ (pull-out Sensor : -20~70℃)	
Humidity measurement range	0~100%RH (No Condensation)	
Exact temperature	±0.3℃ (0~70℃) ±0.4℃ (other range)	
Accurate value of humidity	±2% (0~100%RH)	
Resolution	±0.1℃ ±1 RH	
BLE bluetooth version	BLE4.1 Low Energy	
Bluetooth maximum output power	5dBm	
Working power supply voltage	2.3~3.0V	
Bluetooth sensitivity	-97dBm	
Bluetooth antenna	pcb antenna	
Bluetooth technology	2,402-2,480 MHz	
Size and weight	67 x 37 x 18 mm/40g	
Battery supply	AAA x 2pcs (Alkaline Battery)	
Record Interval/Number of Transactions	30s~1min~1hr/ 2000 records (old and new data)	none
Download format	PDF CSV	none

- **Alarm function :**

  For mobile phone notification alarms, it needs to be used with a WiFi wireless receiver.
- The humidity sensor should be installed in a place where the temperature and humidity are relatively stable and can best represent the measured ambient temperature and humidity.
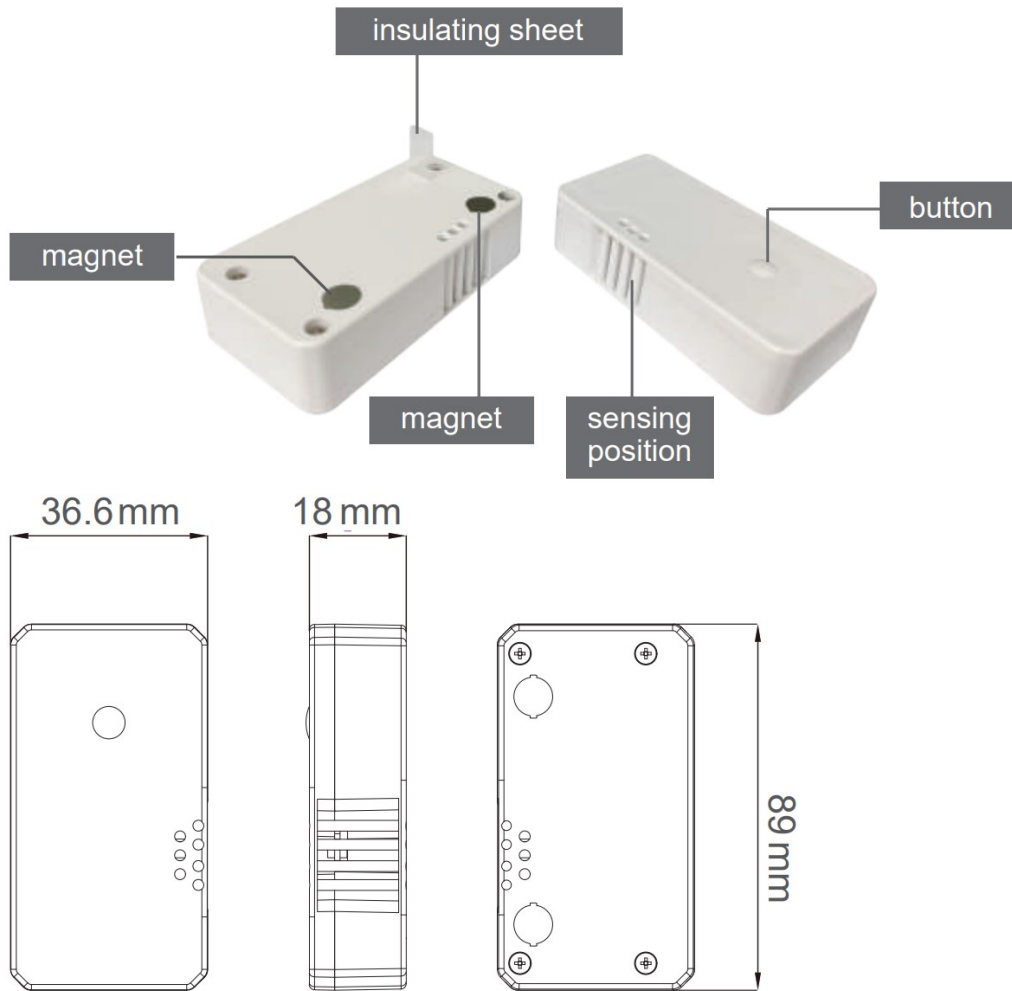
  Note : In a stable temperature and humidity environment, it takes 120 seconds for the sensor to reach the current environment
- **Avoid installing in :**
  1. Places subject to drastic temperature and humidity changes.
  2. A dead space where the air is violently flowing or where the air is not flowing.
  3. Used in salt spray environment or corrosive gas environment.

     Note : This sensor is not suitable for use in harsh environments such as high humidity and condensation

Appearance Dimensions/Structure Drawing

insulating sheet

magnet

magnet

sensing position

button

36.6mm

18 mm

89 mm

Wireless receiver

Ltem model	WiFi α (BLE WiFi Gateway)
Receiving distance	25m (conservative value)
LED indicator light	R.G.B x1
Working power	USB 5V
Transfer method	USB(Micro type) & WiFi transmission
Other Accessories	85 220vAC adpter/USB 5v1A x1/micro USB cable x1
Size and weight	67 x 37 x 18(mm)/40g
Body fixing method	Velcro fastening or removal
Advantage	Plug and play, there is a power supply.The layout is simple and convenient, eliminating the need for engineering personnel to wire.

Connect with Gateway receiver device for multi-point detection, widely used in all public places Compatible with various industries, solve the problem of arranging multiple machines in a single space, no need to worry about wiring, environment aesthetic issues.

◎ All related software and hardware products of this system are developed, produced, sold and after-sales

service by our company. Avoid information security problems and risks.

Since1991
Design and manufacture / Made in Taiwan

http : //www.akr.com.tw
T e l : +886-4-861-3883(Rep) Fax : +886-4882-8209
Add : No.182,Sec.2,Yuanlu Rd.,Sihu,Changhua,
51449,Taiwan

Documents / Resources

[**iToudai HT- 825 Temperature and Humidity Detection Recorder**](#) [pdf] Instructions
HT- 825 Temperature and Humidity Detection Recorder, HT- 825, Temperature and Humidity Detection Recorder, Humidity Detection Recorder, Detection Recorder, Recorder