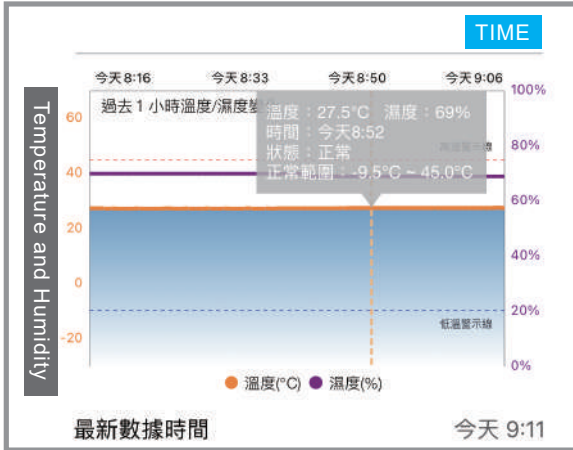**iToudai Beacon Bluetooth Wireless**

HT-825 Temperature Connect APP
Temperature and Humidity Detection Recorder

Temperature and humidity data recorder

Download on the **App Store**

GET IT ON **Google Play**

JohnPoint® IoT Recorder

Paperless
Recorder

TIME

Export   Record   Alarm

- **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.
- This product has passed SGS laboratory temperature testing reports.

📢 **Compliance with the Ministry of Health and Welfare's regulations on food and drug management → Report management / Report.**

- Historical record values can be traced back, and reports can be exported in xlsx format for cloud-based risk management.

藥品專用溫濕度監測紀錄（台中藥局）							
日期（9月份）	1	2	3	4	5	6	7
最高溫度 °C	30.0°C	29.9°C	30.0°C	30.2°C	30.2°C		
平均溫度 °C	28.8°C	29.4°C	29.9°C	30.0°C	29.5°C		
最低溫度 °C	27.6°C	28.8°C	29.8°C	29.7°C	28.9°C		
最高濕度 %	100%	82%	100%	84%	100%		
平均濕度 %	80%	80%	82%	82%	84%		
最低濕度 %	65%	76%	82%	82%	60%		
記錄者							
異常原因說明							
主管核章							

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記錄者							
異常原因說明							
主管核章							

/ Application

Suitable for hospitals and pharmaceutical storage environments, clean room manufacturing, semiconductor industry, biotechnology industry, greenhouse plants, cultivation environments, computer rooms, warehouse logistics management, convenience store retailers... most suitable.

Hospital   **Clean room**   **Semiconductor**   **Logistics**   **Greenhouse**
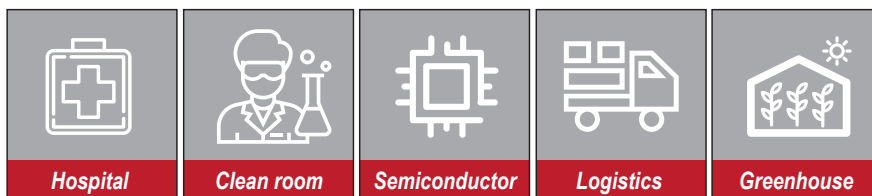
※ This product is not a medical device and is for reference only.

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	4dBm	
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/ 8000 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
36.6 mm
18 mm
89 mm
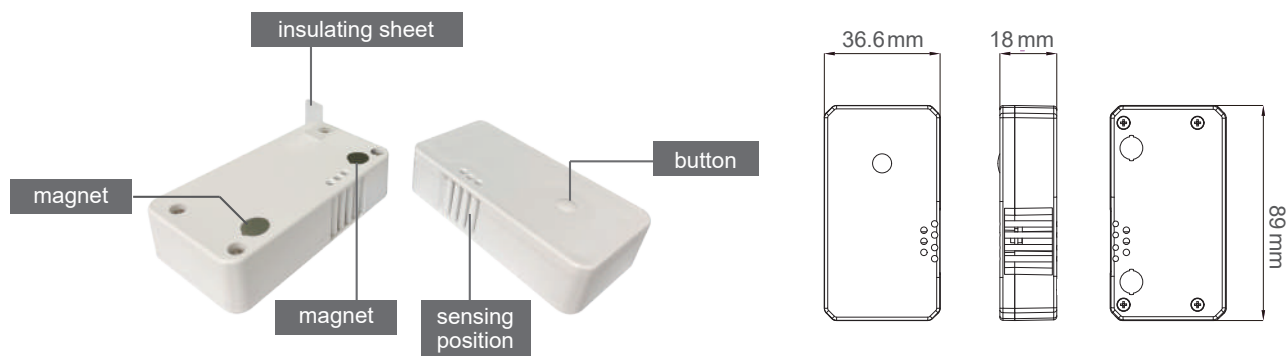
WiFiα Wireless receiver

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	75 x 35 x 11(mm)/45g
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.