

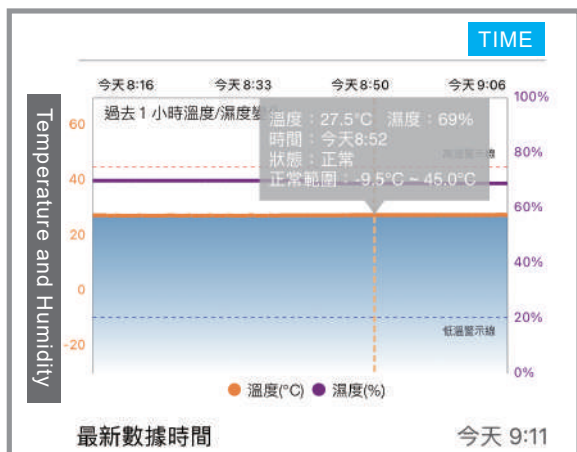


# iToudai Beacon Bluetooth Wireless HT-825 Temperature Connect APP Temperature and Humidity Detection Recorder

Temperature and humidity data recorder



Paperless  
Recorder



- **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 & 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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## / 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.



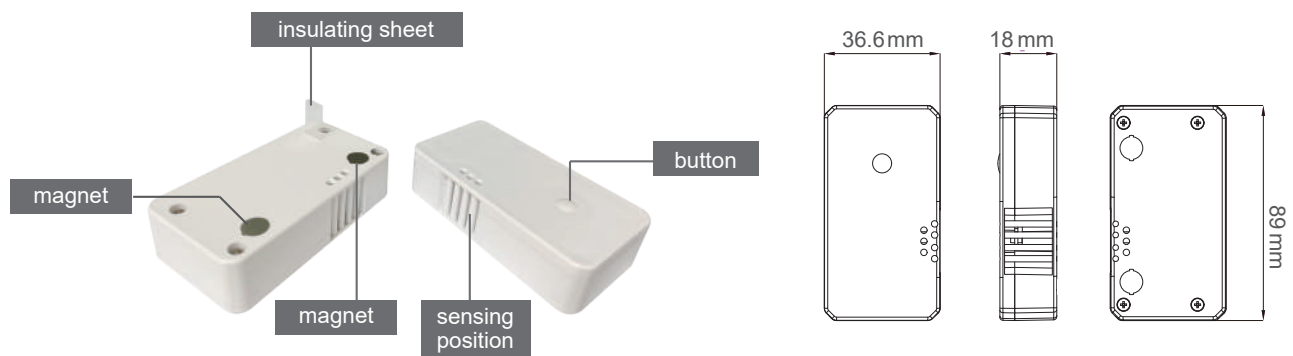
## Bluetooth wireless temperature and humidity detection recorder

Ltem model	Record type HT-RE825	Beacon type HT-825
Temperature measurement range	built-in -10~60°C (pull-out Sensor : -20~70°C)	
Humidity measurement range	0~100%RH (No Condensation)	
Exact temperature	±0.3°C (0~70°C) 、 ±0.4°C (other range)	
Accurate value of humidity	±2% (0~100%RH)	
Resolution	±0.1°C 、 ±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 :
  - Places subject to drastic temperature and humidity changes.
  - A dead space where the air is violently flowing or where the air is not flowing.
  - 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



## WiFi & 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.

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**CANNEX TECHNOLOGY INC.**

Since1991  
Design and manufacture  
/ Made in Taiwan

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

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