

Technical Specifications

Functions		
Temperature Range		-40°C~85°C (-40°F~185°F)
Humidity Range		0%~100% RH
Temperature	Range	Accuracy
	0°C≤ t ≤60°C	±0.3°C
	-40°C≤ t <0°C	±0.5°C
	60°C< t ≤85°C	±0.5°C
	32°F≤ t ≤140°F	±0.6°F
	-40°F≤ t <32°F	±0.9°F
Humidity	140°F< t ≤185°F	±0.9°F
	Range	Accuracy
	0%≤ RH ≤90%	±2.5%RH (25°C)
90%< RH ≤100%		±3.5%RH (25°C)
Temperature/Humidity Resolution		0.1°C(0.1°F)/0.1%RH
Record Capacity		64000 sets
MAX/MIN/AVG		√
LED Indicators		√
Backlight		√
Buzzer Alarm		√
PC Software		√
Mobile App		√(TempLink)
Record Interval		10s~24h (Set through the PC/App)
Working Time		2yr(Room temperature, Test interval 15min, 15s screen off, Buzzer off, Indicators/Backlight Bluetooth off)
Hangings Way		Rear magnetic or Wall mounting
Working Temperature and Humidity		-40°C~85°C , ≤99%RH
IP Rating		IP54
Characteristics		
Battery		Single-use Li-SOCl2 Battery 3.6V 2700mAh(ER14505)
Product size		104×62×25mm
Product net weight		About 110g
Standrad accessories		Gift box, quick start guide, safety instruction, download operation guide, battery, wall-mounted Screws*2, expandable rubber plug*2,USB cable
Standard quantity per carton		20pcs

Applications



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A56 BT

Bluetooth Temperature Humidity Datalogger

A56 BT Bluetooth Temperature Humidity Datalogger is using high-accuracy digital temperature humidity module as the sensor, and with low-power microprocessor. It features high accuracy, large storage capacity, auto record, time display, LED sound-light alarm, ultra-low temperature record and etc. Meanwhile, it supports to set parameter, view data and export PDF report via the mobile App or PC software. The datalogger can satisfy high-accuracy measurement and long-time temperature humidity record requirement in different conditions, widely used in the food processing, cold-chain transportation, storage and etc.



Bluetooth APP



64000 Data Storage



±0.3°C High Accuracy



PC Analysis Software



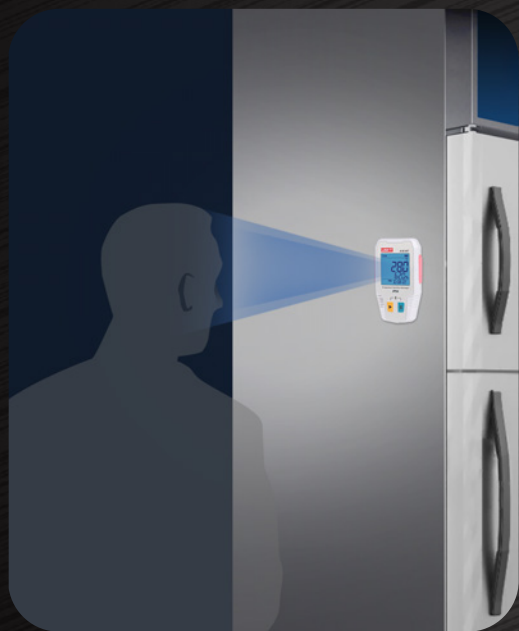
Audible and Visible Alarm



Waterproof Dustproof

Simultaneous large-screen temperature and humidity display, HD backlight

View data in a long distance, adjust screen-off time.



High stability, High-low temperature resistance

Measurement range: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$
Working environment: $-40^{\circ}\text{C} \sim +85^{\circ}\text{C}$



Adjustable record interval

Record interval is 10s~24h adjustable



Over-limit audible and visible alarm

Know real-time temperature and humidity change, ensure food and medicine safety.



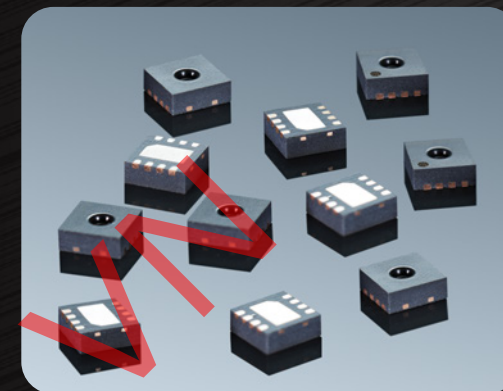
Various installation ways, solid and reliable

Rear magnet, wall-mounted design



High-accuracy digital temperature humidity sensor

Temperature: $\pm 0.3^{\circ}\text{C}$ ($0^{\circ}\text{C} < t \leq 60^{\circ}\text{C}$)
Humidity: $\pm 2.5\% \text{RH}$ ($0\% \leq \text{RH} \leq 90\%$)



64000 sets of data storage

Easy to collect data, record and view data anytime and anywhere



Single-use wide-temperature Li-ion battery, long battery life

Up to 2-year using life (Room temperature, 15min record interval, etc.)



Support to connect Bluetooth APP and PC software

View data anytime, convenient and fast



Automatically generate and export multiple report forms

