

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	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-SOCI2 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



**UNI-TREND
TECHNOLOGY**



Para mayor información puede consultar el manual de usuario dando clic en el siguiente enlace:
<https://meters.uni-trend.com/product/a56-bt-temperature-humidity-datalogger/#Docs8890-5682>

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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



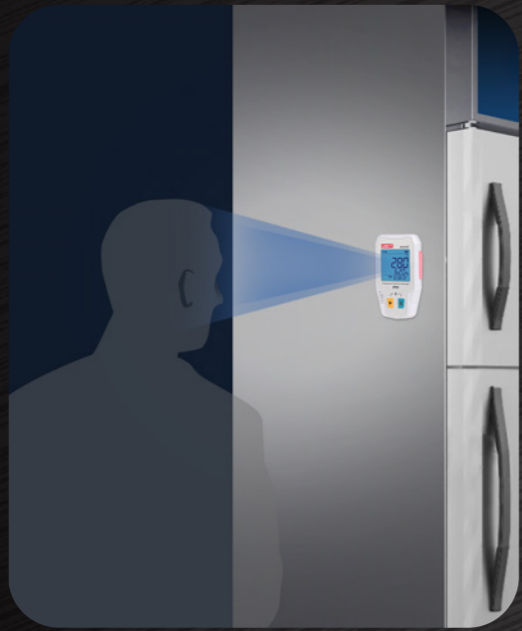
Audible and
Visible Alarm



IP54
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.



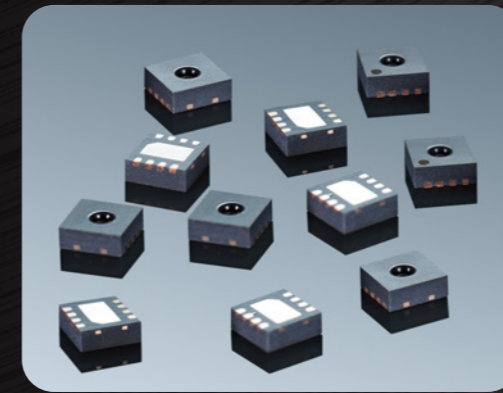
Various installation ways, solid and reliable

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

