




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
	140°F< t ≤185°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-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



UNI-TREND  
TECHNOLOGY





meters.uni-trend.com



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.



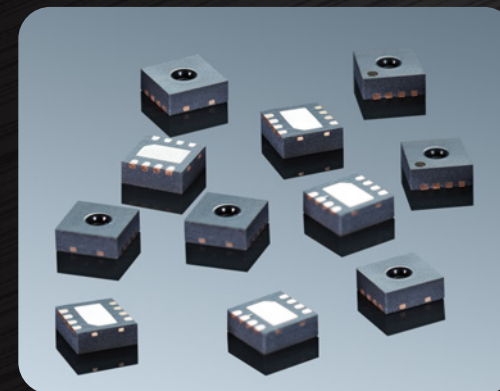
**Various installation ways, solid and reliable**

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**

