Technical Specifications

Specificatons			
Manual language		EN, FR, DE, IT, ES, SV, PL, CZ	
External Temperature Humidity sensor	Temperature	-40°C~85°C (-40°F~185°F)	
	Humidity	0%~100% RH	
	Temperature	Range	Accuracy
		0°C≤ t ≤60°C (32°F≤ t ≤140°F)	±0.3°C (±0.6°F)
		-40°C≤ t <0°C (-40°F≤ t <32°F)	±0.5°C (±0.9°F)
		60°C< t ≤85°C (140°F< t ≤185°F)	±0.5°C (±0.9°F)
	Humidity	Range	Accuracy
		0%≤ RH ≤90%	±2.5%RH (25°C)
		90%< RH ≤100%	±3.5%RH (25°C)
Internal NTC Temperature Sensor	Range	-40°C~85°C (-40°F~185°F)	
	Accuracy	0°C≤ t ≤60°C (32°F≤ t ≤140°F)	±0.4°C (±0.8°F)
		-40°C≤ t <0°C (-40°F≤ t <32°F)	±1.0°C (±2.0°F)
		60°C< t ≤85°C (140°F< t ≤185°F)	±1.0°C (±2.0°F)
External NTC Temperature Sensor	Range	-40°C~85°C (-40°F~185°F)	
	Accuracy	-20°C≤ t ≤40°C (-4°F≤ t ≤104°F)	±0.5°C (±0.9°F)
		-40°C< t <-20°C (-40°F≤ t <-4°F)	±1.0°C (±2.0°F)
		40°C< t ≤85°C (104°F< t ≤185°F)	±1.0°C (±2.0°F)
Temperature/Humidity resolution		0.1°C (0.1°F)/0.1%RH	
Record capacity		64000 sets	
MAX/MIN/AVG		√	
PC software		√	
Mobile App		√	
Unit switch		°C, °F	
Record interval		10s~24h (Set through the PC/App)	
Working time		2yr	
Working temperature and humidity		-40°C~+85°C , ≤99%RH	
Storage temperature		-40°C~+85°C（Not battery included）	
Characteristics			
Battery Type		Single-use Li-SOCl2 Battery 3.6V 2700mAh（ER14505）	
Size		104×62×25mm	
Weight		About 110g(Battery included)	
Standrad Accessories		Gift box, quick start guide, safety instruction, download operation guide, battery, wall-mounted Screws*2, expandable rubber plug*2, USB cable, external temperature humidity sensor	
Standard Quantity Per Carton		20pcs	

Applications


Warehouse Monitoring


Computer Facilities


Refrigerator Monitoring


Medicine Cabinet

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A57 BT

Bluetooth Temperature Humidity Datalogger

A57 BT Bluetooth Temperature-Humidity Datalogger uses low-power microprocessors, equips internal temperature sensor and measures temperature and humidity via connecting external temperature probe or temperature-humidity probe. It features high accuracy, large storage, LED audible and visible alarm, APP and PC software connection, report export, etc. It is widely used in fields of food processing, cold-chain transportation, warehousing, etc.



Bluetooth APP

64000 Data Storage

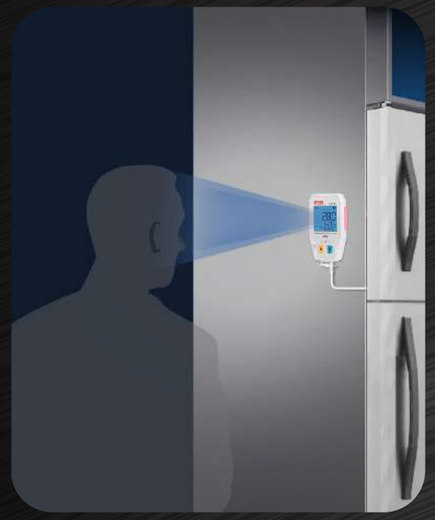
PC Analysis Software

Audible and Visible Alarm

IP54 Waterproof Dustproof

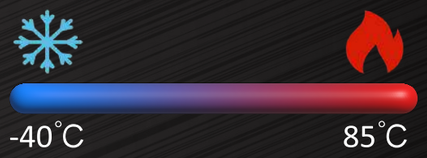
Simultaneous large-screen temperature and humidity display, HD backlight

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



High stability, High-low temperature resistance

Measurement range: -40℃ ~+85℃
Working environment: -40℃ ~+85℃



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



Supports Multiple Sensor

Built-in temp. sensor



External temp.&hum. sensor



External temp. sensor (Purchase separately)



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

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



Large data storage

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



Support to connect Bluetooth APP and PC software

View data anytime, convenient and fast



Automatically generate and export multiple report forms

