



Real-Time Temperature and Humidity Monitoring

COEUS-WiFi/COEUS-4G

COEUS series data loggers are suitable for the temperature and humidity monitoring of cold rooms, especially the refrigerators and freezers. They are the stand-alone loggers with the built-in WiFi or 4G module to transfer the monitoring data to the Freshliance Cloud as preset. All real-time and historical data are globally accessible in real time via the mobile APP and cloud platform, and notifications will be sent by emails, SMS, and APP Push if any alarm data.

COEUS-WiFi can be connected with the local WiFi router network and then transfer monitoring data to the cloud via the WiFi communication, no additional gateways or repeaters required.

COEUS-4G can directly transfer the data to the cloud via 4G connectivity.



User configurable, and extreme value export



Remote Email, SMS, APP Push alert & Local LED, LCD and buzzer alarm



Real time data tracking via cloud platform and APP



Persistent caching during offline mode, and data re-upload after network recovery



Multi-level administration access optional



Two external probes optional for ultra-low temperature monitoring, -90°C~+200°C

EASY TO USE

1 Press the button to turn on the logger

2 Add and configure the logger on the APP

3 Position the logger

4 View data via mobile APP or computer platform

5 Press the button to stop the logger

6 Export data

Model	COEUS-WiFi	COEUS-4G
Data Upload Network	WiFi	4G
Device Configuration Network	Device AP	4G
Maximum Power Consumption	≤ 500mA	≤ 800mA
Built-in Sensor	-20℃ ~+ 60℃ ±0.5℃ F.S. 5% ~ 95% (Without condensation); ±3%RH (25℃, 20%~90%RH); ±5%RH (Other)	
External Probes	See External Probe List	
Logging Interval	1min~3,000min	
Uploading Interval	1min~3,000min	
Memory Capacity	120,000 readings, circular buffer	
Power Supply	Rechargeable lithium battery, USB-Type C, 5V/2A (DC)	
Charging Time	About 4 hours	
Alarm Mode	Audible and visual alarm	
Standby Time	Max. 90 days (uploading interval: one hour)	
Device Dimensions	109mm(L)*33mm(W)*80mm(H)	
Screen Dimensions	85mm*52mm	
Weight	145g	

External Probe List

Probe Type	Measuring Range	Measuring Accuracy
Temperature Probe	-30℃~+70℃	±0.5℃ (-30℃~+50℃) / ±1.0℃ (Others)
	-90℃~+200℃	±0.3℃ (-40℃~+100℃) ±0.5℃ (-80℃~-40℃; +100℃~+150℃) / ±1.0℃ (Others)
Temperature and Humidity Probe	-40℃~+85℃ / 0~100%RH	±0.5℃ F.S. ±3%RH (25℃, 20%~90%RH) / ±5%RH (Others)
Standard cable length: 2m; Customizable length available: 5m, 10m, 15m or 20m.		

APPLICATION

COEUS series data loggers are ideal for the real-time temperature and humidity monitoring of the cold rooms, especially the refrigerators and freezers.



FREEZER



COLD ROOM



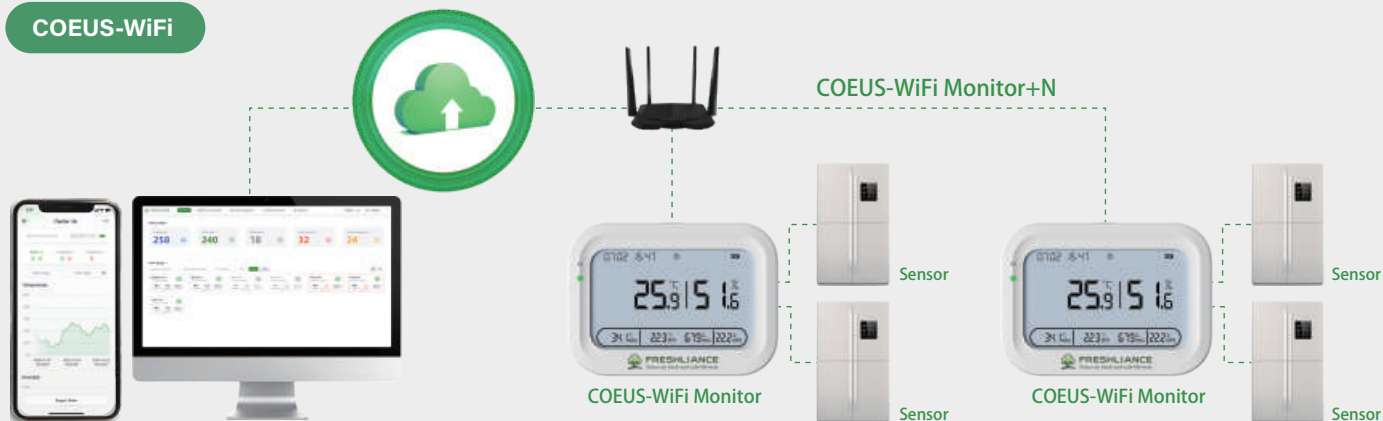
WAREHOUSE



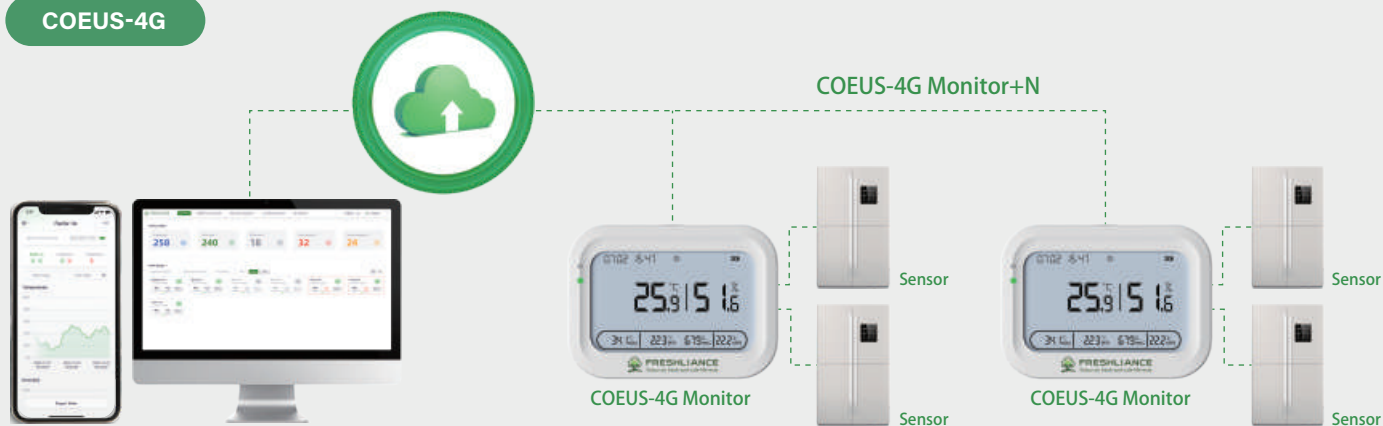
SERVER ROOM

REAL TIME LIVE CHANGE ALERT TEMPERATURE/HUMIDITY MONITORING

COEUS-WiFi



COEUS-4G



Freshliance Electronics Corp., Ltd. is an ISO9001–certified enterprise. It is committed to environmental logging and IOT solution development based on independent temperature verification environments. We have a professional software and hardware team in the field of Bluetooth/Lora/NFC/RF/WiFi/2G/4G/5G, etc. We strive to maintain the best quality products and service for you and are ready for your tailor–made solutions.



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