

RCW-360 WiFi Temperature Data Logger Cloud Data Storage IP 64 Protection Email SMS App Push Alert

ULTRA-LOW Temperature Measuring!

-196°C~150°C / -320.8°F~302°F

Elitech® RCW-360 Plus
Temperature Data Logger



Advanced IoT Data Logger- WiFi Version

RCW-360 Plus series is the updated version of RCW-360, which supports temperature monitoring, alarm, data recording, data uploading via 4G or WiFi, and print via Bluetooth. It is widely used in vaccines, foodstuffs, catering, logistics, and industries that require HACCP system certification. It can transmit data through 4G or WiFi to our cold-chain cloud platform.

Users can view, manage, and monitor data online remotely by the browser or smartphone APP. With a built-in rechargeable lithium battery, it can provide real-time data uploading and platform alarming service even in case of a cold storage power outage.

Offline Recording and Online Uploading

- Runs approximately 3 months at 1-hour uploading interval on a single full charge
- Record 32,000 points of data, with no data storage limit in server when device is offline.
- Wireless temperature data logger can store sensor readings until connectivity is restored, which ensures there is no gaps in monitoring activity.

Ultra Low External Temperature Sensor

- External temperature probe; A wide range of temperature: $-320.8^{\circ}\text{F} \sim 302^{\circ}\text{F}$ ($-196^{\circ}\text{C} \sim 150^{\circ}\text{C}$)

Key Features:

- A wide temperature measuring range from $-40^{\circ}\text{C} \sim +80^{\circ}\text{C}$ / $-40^{\circ}\text{F} \sim 176^{\circ}\text{F}$
- App and Email alerts from Cloud; Audible and visual alarm from device.
- Multiple installation and power supply methods, flexible to be installed anywhere.
- Elitech Cloud supports parameter configurations, graph analysis, report export and etc.
- Unlimited Cloud storage with additional local storage of 32,000 points if device is offline.
- 1-year warranty.

Technical Parameters:

- Power adapter: 5V/2A or 9V/1.5A (DC)
 - Temperature measuring range: Internal $-4^{\circ}\text{F} \sim 140^{\circ}\text{F}$ ($-20^{\circ}\text{C} \sim +60^{\circ}\text{C}$); External $-40^{\circ}\text{F} \sim 176^{\circ}\text{F}$ ($-40^{\circ}\text{C} \sim 80^{\circ}\text{C}$)
 - Temperature accuracy: $\pm 0.9^{\circ}\text{F} / \pm 0.5^{\circ}\text{C}$
 - Temperature resolution: 0.18°F (0.1°C)
 - Memory capacity: 100,000 points
 - Logging interval: 1 minute to 24 hours. Default interval is 30 minutes
 - Battery: Rechargeable lithium battery
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- Duration: ≥ 3 months (at 77°F(25°C), 30min uploading interval, LBS Location) or ≥ 14 days (at 77°F(25°C), 30min uploading interval, LBS&GPS Location)
- Protection level: IP64(for internal sensor);IP65(for external sensor)
- LED indicator: Status indicator, Power indicator
- Display: TFT
- Communication interface: WiFi
- Alarm mode: Sound, SMS, email and mobile App
- Size: 4.29"*2.73"*0.90"/109mm*69.4mm*22.9mm(LxWxH)
- Probe length: 5M