

Cryopak Connect™ WiFi

- Robust and smart, user-friendly setup
- Online real-time monitoring
- Can be used as a standalone datalogger (no cloud subscription required)
- Wireless continuous data transmission
- High accuracy, quick response time
- Low power consumption, rechargeable battery
- Large LCD display, multi-functional viewing
- Easy-to-use MiniMirador* for offline mode
- Real-time mode, Mirador Cloud, and/or smartphone application (Android & iOS)



CERTIFICATIONS



Product Specifications (continued on back)

| Description | Specifications |
|----------------------------------|--|
| Product Code | CC-W-T, CC-W-TH (-P for pharma version) |
| Additional Model Codes | Contact us |
| Memory Options | Offline mode up to 32,000 records (optional rollover mode once memory is full) In online mode, data will be transmitted to the Mirador Cloud server |
| Time Accuracy | ± 1 hour per year* |
| Sensor | Digital sensors for all models |
| Resolution | 0.1°C / 0.1°F / 0.1% RH / 0.1 Pa |
| Sensor Response Time | T90 of 15 minutes for internal sensor, T90 of 5 minutes for external sensor |
| Number of sensors | Up to 6 sensors |
| Integrated Sensors | Temperature / humidity / light (optional) |
| External Sensors | Temperature / humidity / pressure or RTD or dry contact (optional) |
| Sensor Control | Active / inactive |
| Temperature Range | -30 °C to 65 °C (internal sensor), -55 °C to +125 °C (external sensor) |
| Humidity Range | 0%-100% RH (internal /external sensor) |
| Alarm Threshold Configuration | 4 thresholds: HIGH-HIGH; HIGH; LOW; LOW-LOW |
| Alarm thresholds with LED visual | Red LED ●: HIGH / HIGH-HIGH, Blue LED ●: LOW / LOW-LOW, Green LED ●: OK |
| Thermometer Option | Yes, press ● / START anytime to check current temp / place bookmark |
| Program Option | User programmable |
| Start Option | Push button, by MiniMirador or Mirador |
| Stop Option | Push button ● or by software |
| Communication | WiFi 802.11(a/b) 2.4GHz, BLE 5.0, USB serial |
| Ports | USB port (charge and serial data) / expansion port / power source / external antenna |
| Push Buttons | 2 multifunction buttons + reset button |
| Event Logging | Audit trail / traceability on all loggers' events (CFR 21 Part 11) |
| Security | Bidirectional checksum control, 3-level access control |
| Warranty | 2 years (excluding battery) |

*Internal webpage

| Description | Specifications | Description | Specifications |
|--------------------|---|---------------------------------------|---|
| Indicators: | | Real Time Monitoring Features: | |
| LCD | 45x25 mm FSTN, with backlight (<i>optional</i>) | Logging Interval | 20 seconds to 18 hours |
| LED | 3 alarm indicator LEDs (● / ● / ●) | Offline Memory Capacity | Up to 32,000 records <i>(Depends on number of attached sensors between 32,000 to 19,000 records)</i> |
| Indicators | 7 orange LEDs (BLE, WiFi, Status, Charging, WD, USB and Relay) | Logging Mode | Pause, Run |
| Buzzer | Audio buzzer | Logging Feature | Real-time data (sensor values, battery level, external power source, light sensor) and all device events |
| Light Bar | 3-Level light bar with integrated siren (<i>optional</i>) | Data Integration / Monitoring | Internal webpage, Mirador Cloud, Windows application, cell phone / tablet application (Android/iOS) |
| Relay | Normally open contact to activate external alarm (<i>optional</i>) | API/SDK | Yes |
| Light Sensor | Internal (<i>optional</i>) | Debug Console | Yes (for remote diagnosis) |
| Packing: | | Software: | |
| Weight | ~300g (0.66 lbs.) | Online Software | Mirador Express Cloud (HTTPS) |
| Size | 79 x 123 x 38 mm (3.1 x 4.8 x 1.5 in) | Offline Software | Mini Mirador (internally integrated) |
| Environment | IP54 or IP65 options (food-safe) | Mobile App | Cryopak Connect – Android/iOS |
| Case | Plastic case (poly-carbonate) | Windows App | Cryopak Connect – Windows 11/10 |
| Mounting | Magnet bar or velcro or mounting bracket (<i>optional</i>) | Battery: | |
| Alarms: | | Battery Life | Up to 3 months <i>(Depends on log interval, communication interval, number of sensors attached, network coverage & number of alarms triggered)</i> |
| Alarm Notification | Via email / SMS / voice call*, LCD, LED, buzzer, light bar, siren and LED panel | Battery Type | Li-Ion Rechargeable 3.7V 6000mAh |
| Alarm Reset | By acknowledgment only (<i>on portal, internal webpage, mobile app or on physical device</i>) | Battery charging options | Power adaptor, USB port, external power battery pack (<i>optional</i>) |

| Sensor | Internal / External Temperature Sensor | Internal / External Humidity Sensor (<i>Optional</i>) | External RTD sensor (<i>Optional</i>) | External Pressure Sensor (<i>Optional</i>) |
|--------------------|---|---|--|--|
| Accuracy | ± 0.2 °C (-10~50 °C) or better ± 0.3 °C (-55~125 °C) or better | ±1.5% RH (10~90 % RH) or better ±2.5 %RH (0~100% RH) or better | ±0.5 °C (-10~50 °C) or better ±1.0 °C (-200~200 °C) or better | 3% m.v. |
| Resolution | 0.1 °C | 0.1 % RH | 0.1 °C | 0.1 Pa |
| Range | -30 ~ 65 °C (int. sensor) -55 ~ 25 °C (ext. sensor) | 0 ~ 100%RH | ±0.5 °C (-10~50 °C) ±1.0 °C (-200~200 °C) | -500~500 Pa |
| Certificate | - Up to 5 points NIST calibration - | | | Up to 9 points calibration |

Push Button Options

| Action | LCD | S1 (Green Button) ● | S2 (Red Button) ● |
|------------|---------|---|-------------------------------|
| Short Push | — | Bookmark / Mirador Cloud on / Date time | WiFi ON / Internal Webpage on |
| 1~2 sec | — — | BLE On | Sleep |
| 3~4 sec | — — — | Temperature Unit Toggle °C/°F | IP Address |
| >5 sec | — — — — | Run* (Start Logging) | Pause Logging |



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