

TempTale® Ultra BLE

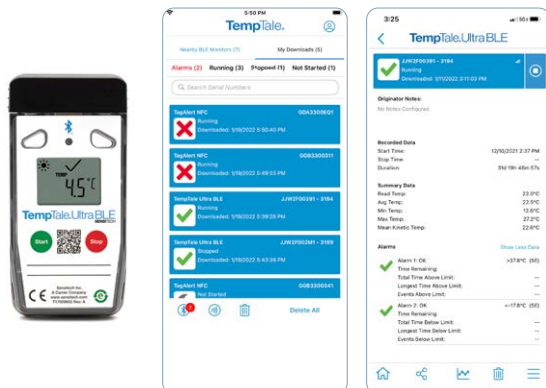
Validated, Bluetooth® Temperature Datalogger

The TempTale® Ultra BLE datalogger—the next generation temperature monitor in the TempTale Ultra family—enables touchless temperature checks of in-transit Life Sciences last mile shipments. Be confident that your temperature-sensitive products are stored, shipped and received at their ideal temperature range, or easily identify if temperatures have exceeded alarm limits. The slim design fits smaller packages, making the TempTale Ultra BLE ideal for clinical kits, laboratory and biologic shipments, and last mile direct to patient, pharmacies, hospitals and doctor's offices.

- Convenient viewing of temperature alarm status in the TempTale® Mobile App or via the monitor's large LCD screen
- Intuitive mobile app provides delivery drivers an easy check for proof-of-condition without opening the package
- Increase receiver compliance with seamless encrypted data upload from mobile app to ColdStream® Select software to meet 21 CFR Part 11
- Secure PDF files easily forwarded to Quality from an iOS or Android smartphone
- Secondary USB is available for data download or reprogramming using a PC, for partners without a smartphone

New Bluetooth Features

- No pairing required—when in range, TempTale Ultra BLE monitors are automatically detected by the TempTale App
- Read range through packaging: 9 meters / 30 feet; line-of-sight: 23 meters / 75 feet
- Save time with start/stop from mobile app or button press
- Easily add shipment tracking ID and originator notes, which display in the mobile app and PDF for delivery drivers and receivers
- Compatible with iOS 11 or higher (iPhone 7 or newer) and Android OS 7.1 or higher



TempTale Dependability and Consistency You Count On

- -30°C to +70°C operating range with six (6) programmable alarms, including MKT and duration
- LCD screen, icons, and functions are consistent with the TempTale Ultra product family
- Each device calibrated to 3-point NIST® traceable standard with Certificate of Calibration on-board monitor; easily forwarded via the app
- Single Use, Single-Use Overwrite or Multiple Use recording options
- No additional label required per IATA's Dangerous Goods Regulations
- Meet data integrity and traceability requirements, built to comply with 21 CFR Part 11 and Annex 11 with ColdStream® Select cloud software
- Configurable PDF reports capable of supporting local time zones



TempTale® Ultra BLE

| TempTale® Ultra BLE Specifications | |
|---|---|
| Recording Options | Single Use, Single-Use with User Programmable Overwrite, or Multiple Use |
| Temperature Measurement Range | -30°C to +70°C (-22°F to +158°F) |
| Temperature Accuracy Range | ±0.5°C from -10°C to +45°C (±0.9°F from +14°F to +113°F) ±1.0°C from -30°C to -10°C (±1.8°F from -22°F to +14°F) ±1.0°C from +45°C to +70°C (±1.8°F from +113°F to +158°F) |
| Temperature Resolution | 0.1°C / °F over full temperature measurement range |
| Memory Storage Capacity | 16,000 data points |
| Battery Life / Type | 12 month operating life / CR2450 3.0v lithium coin cell battery – non-replaceable |
| Data Sampling Interval | Programmable from 1 minute up to a maximum of 30 minutes |
| Environmental Protection | IP64 (with protective cap over USB connector) |
| Start Up Delay | 0 minutes to 24 hours |
| Programmable Alarm Types | High and low limits / Six alarm types including MKT and duration |
| Alarm Delay Time Thresholds | Single event (continuous) or cumulative |
| LCD Display | OK (✓), Alarm (✗) status Running, Start-up delay, Stopped status Trip summary statistics (average, minimum, maximum) Current temperature reading Marked event |
| Start Up Options | Button Press or using TempTale® App: immediate or delayed start (start-up delay duration set by Quality) |
| Stop Option | Button Press or using TempTale® App |
| Connection | Bluetooth® Low Energy / USB 2.0 |
| Automatic Data File | Encrypted PDF report (export via the mobile app or with the USB interface without any additional software requirement) |
| Software | ColdStream® Select Software 2.2 or higher (Automatic upload to ColdStream Select once monitor scanned to TempTale® App. ColdStream Select is built to comply with FDA 21 CFR Part 11, EC Annex 11 and cGxP) TempTale Manager® Desktop Software 9.0 or higher |
| Supported Mobile App | TempTale® Mobile App (iPhone 7 or newer running iOS 11 or higher, Android 7.1 or higher, Bluetooth 4.2-5.1) |
| Calibration | 3-point NIST® traceable Certificate of Calibration onboard each monitor |
| Quality Assurance Certifications | CE, UKCA, MIC, FCC, RTCA-D0160G, WEEE, RoHS, Response time tested to U.S. Pharmacopeia (USP) <1118> and EN/12830 standards |
| Dimensions | 108 mm L x 53 mm W x 7 mm H (4.3 in L x 2.1 in W x .28 in H) |
| Weight | 40 g (1.4 oz) |

Sensitech has performed all necessary testing and can provide documentation supporting our compliance at your request.