

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, 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.

Sensitech Inc. is a global leader in delivering supply chain visibility solutions. Our innovative monitoring products and services help to maintain the quality, integrity and security of our customers' valuable products at every step in their journey, all around the world. For 30 years, leading companies in the food, pharmaceutical, industrial, consumer goods and other industries have relied on Sensitech to help protect their products—and their bottom lines. NIST is a registered trademark of The National Institute of Standards and Technology Agency of the United States Government. Bluetooth is a registered trademark of Bluetooth SIG. iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. Android, Chrome, Google Play and Google Maps are trademarks of Google Inc. iPhone is a registered trademark of Apple Inc. Unless otherwise indicated, all trademarks and service marks are the property of Sensitech Inc. Visit www.sensitech.com for additional information. ©2022 Carrier. All Rights Reserved.

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