



TempTale® Ultra BLE

Validated, Bluetooth® Temperature Datalogger and Gateway

The TempTale® Ultra BLE datalogger—the next generation temperature monitor in the TempTale Ultra family—enables touchless and automated temperature checks of in-transit Life Sciences 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, biologic pallet shipments, and last mile direct to patients, 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
- Automate receiver datalogger capture via encrypted wireless data upload to ColdStream Select using the TempTale BLE Gateway
- One-tap upload from mobile app to ColdStream® Select software; Secure PDF files can also be forwarded to Quality from app
- Intuitive mobile app provides delivery drivers an easy check for proof-of-condition without opening the package
- Secondary USB is available for data download using a PC, for partners without a smartphone

Benefits of Bluetooth Technology

- Realize efficiency gains with wireless/automatic data capture
- No pairing required—nearby TempTale Ultra BLE monitors are automatically detected
- Wireless read range through packaging: 9 meters / 30 feet; line-of-sight: 23 meters / 75 feet
- TempTale BLE Gateway automates data collection at waypoints or final destinations
- Users with the smartphone app can manage monitors, view alarm data and wirelessly upload data (option to add login permissions)
- Easily add shipment tracking ID and originator notes, which display in the mobile app and PDF for delivery drivers and receivers

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 BLE Gateway



TempTale Ultra BLE



TempTale App

TempTale® Ultra BLE

Speed and simplify your warehouse datalogger operations with touchless data capture

TempTale BLE Gateway

- Automatically detects nearby TempTale Ultra BLE monitors and wirelessly transfers data to ColdStream Select
- Just plug in to a power outlet and press Start, with no setup or login required
- Wirelessly downloads multiple monitors, saving 2 minutes per monitor
- Add Gateways at final destinations or at waypoints to understand shipment progress
- Safeguards with 30-day battery backup and gateway diagnostics

TempTale App

- Mobile app detects nearby monitors—no pairing required
- One tap to transfer data wirelessly to ColdStream Select, or export data
- Configurable options: turn app functions on or off, and add permission-based login
- Share monitor report from smartphone using email, SMS, and more
- Option to manage BLE dataloggers with app—start, stop, export and more
- Available on iOS and Android

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; 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 and Stop Options	Button Press or using TempTale® App: immediate or delayed start (start-up delay duration set by Quality)
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 (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 EN12830 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)
BLE Gateway Temperature	-20°C to +55°C (use gateway inside a cold room with cellular connectivity)
BLE Gateway Internet access	Cellular (CAT-M1 for 4G/5G networks, and 2G)
BLE Gateway Read Range	Approx. 20 – 30 meters (65 – 100 feet) (clear line of sight)
BLE Gateway Storage Capacity	Can queue up to 50 BLE monitor encrypted records

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 and integrity 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 EO: sales@eofirm.com | www.eofirm.com | 0755-84200058

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