



# 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	
<b>Recording Options</b>	Single Use, Single-Use with User Programmable Overwrite, or Multiple Use
<b>Temperature Measurement Range</b>	-30°C to +70°C (-22°F to +158°F)
<b>Temperature Accuracy Range</b>	±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)
<b>Temperature Resolution</b>	0.1°C / °F over full temperature measurement range
<b>Memory Storage Capacity</b>	16,000 data points
<b>Battery Life / Type</b>	12 month operating life / CR2450 3.0v lithium coin cell battery – non-replaceable
<b>Data Sampling Interval</b>	Programmable from 1 minute up to a maximum of 30 minutes
<b>Environmental Protection</b>	IP64 (with protective cap over USB connector)
<b>Start Up Delay</b>	0 minutes to 24 hours
<b>Programmable Alarm Types</b>	High and low limits / Six alarm types including MKT and duration; Single event (continuous) or cumulative
<b>LCD Display</b>	OK (✓), Alarm (✗) status; Running, Start-up delay, Stopped status; Trip summary statistics (average, minimum, maximum); Current temperature reading; Marked event
<b>Start Up and Stop Options</b>	Button Press or using TempTale® App: immediate or delayed start (start-up delay duration set by Quality)
<b>Connection</b>	Bluetooth® Low Energy / USB 2.0
<b>Automatic Data File</b>	Encrypted PDF report (export via the mobile app or with the USB interface without any additional software requirement)
<b>Software</b>	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
<b>Supported Mobile App</b>	TempTale® Mobile App (iPhone 7 or newer running iOS 11 or higher, Android 7.1 or higher, Bluetooth 4.2-5.1)
<b>Calibration</b>	3-point NIST® traceable Certificate of Calibration onboard each monitor
<b>Quality Assurance Certifications</b>	CE, UKCA, MIC, FCC, RTCA-D0160G, WEEE, RoHS, Response time tested to U.S. Pharmacopeia (USP) <1118> and EN12830 standards
<b>Dimensions</b>	108 mm L x 53 mm W x 7 mm H (4.3 in L x 2.1 in W x .28 in H)
<b>Weight</b>	40 g (1.4 oz)
<b>BLE Gateway Temperature</b>	-20°C to +55°C (use gateway inside a cold room with cellular connectivity)
<b>BLE Gateway Internet access</b>	Cellular (CAT-M1 for 4G/5G networks, and 2G)
<b>BLE Gateway Read Range</b>	Approx. 20 – 30 meters (65 – 100 feet) (clear line of sight)
<b>BLE Gateway Storage Capacity</b>	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.*

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