

YOUR DATA, ANYWHERE, ANYTIME



# LogTag<sup>®</sup> UTRED30-WiFi

30 Day WiFi Dual-Channel Logger

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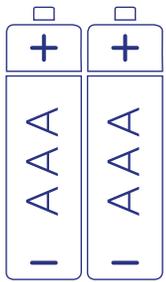
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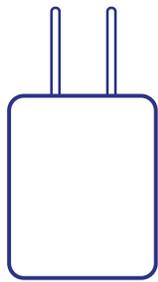
The LogTag® UTRED30-WiFi dual-channel temperature data logger automatically uploads real-time temperature data to your LogTag® Online cloud account via your existing wireless network.

The logger also has a non-volatile memory that holds up to 32,000 temperature readings, or 16,000 readings per channel. A statistical memory storing maximum and minimum readings and alarm durations for each of the last 30 days.

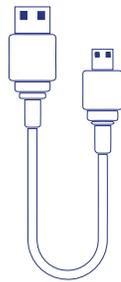
## Accessories



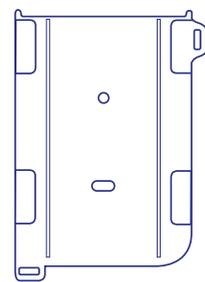
**2x AAA Batteries**  
Not Included



**USB Cable**  
Included



**AC Adapter<sup>^</sup>**  
Included



**UTRED/UTREL30 Wall Mount**  
Not Included



**Glycol Buffer**  
Not Included



**Socket Cover\***  
Included (Optional to use)



**External Probe\*\***  
Not Included. (Required)

Compatible probes below:

<b>ST100J</b>	40mm tip length, ø3.2mm.
<b>ST100K</b>	65mm tip length, ø3.2mm.
<b>ST100L</b>	90mm tip length, ø3.2mm.
<b>ST100S</b>	30mm tip length, ø5mm.
<b>ST100T</b>	140mm tip length, ø5mm.
<b>ST100H</b>	Handled with 105mm tip length, ø5mm.
<b>ST100B</b>	Untipped (bare probe).
<b>STX50</b>	5 Meter extension cable for ST10/ST100 probes.

Probes are available with a 1.5m or 3m cable.  
E.g. ST100J-15 for 1.5m or ST100J-30 for 3m cable

<sup>^</sup>US and EU adapter only  
<sup>\*</sup>Optional to insert inside an unused Channel port  
<sup>\*\*</sup>Hot swappable external sensor probes.

# Features



Real-time data automatically uploaded via WiFi to the LogTag Online cloud.



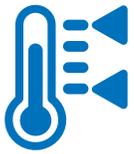
Download data via LogTag Analyzer or as a PDF (no software required) when Wi-Fi is unavailable.



Configure Wi-Fi settings using LogTag Mobile application and Bluetooth®.



Check and reset Min-Max temperature reading at any time.



Read current temperature and latest Min-Max temperature at a glance.



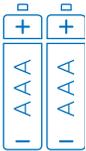
View alarm status for up to 30 days at a glance.



Audible alarm and flashing red LED signals a temperature alarm.



Measure and store up to 16,000 readings for each channel – enough for 67 days at 6 minute logging.



Can be powered by 2x AAA batteries (user replaceable) if external power is lost.



Second battery backup via a coin cell to ensure no data is lost.



Auto-pause function suspends alarm & statistic processing when the external probe is unplugged.



Two socket external probe with auto channel swap function.

# Applications



Pharmaceutical



Healthcare



Cold Room and Storage



Medical Centres



Warehousing

# Specifications

<b>Product Model</b>	UTRED30-WiFi
<b>Sensor Measurement Range</b>	-40°C to +99°C (-40°F to +210°F)
<b>Operating Temperature Range</b>	-30°C to +60°C (-22°F to +140°F)
<b>Storage Temperature Range</b>	-10 °C to +40 °C (32 °F to +104 °F)
<b>Rated Temperature Reading Resolution</b>	Better than 0.1°C (0.2°F) for -30°C to +60°C (-22°F to +140°F). Better than 0.2°C (0.4°F) for -40°C to -30°C (-40°F to -22°F). Better than 0.5°C (0.9°F) for +60°C to +99°C (+140°F to +210°F).
<b>Rated Temperature Reading Accuracy</b>	Better than ±0.5°C (±0.9°F) for -20°C to +40°C (-4°F to +104°F), typically ±0.3°C (0.6°F) Better than ±0.8°C (±1.4°F) for -40°C to -20°C (-40°F to -4°F), typically ±0.5°C (0.9°F) Better than ±0.8°C (±1.4°F) for +40°C to +70°C (+104°F to +158°F), typically ±0.7°C (1.3°F) Better than ±1.2°C (±2.2°F) for +70°C to +99°C (+158°F to +210°F), typically ±1°C (1.8°F)
<b>Probe Connectivity</b>	Up to 2
<b>Probe Compatibility</b>	All ST100 precision thermistor external probes can be interchangeably connected to the UTRED30-WiFi. Please refer to the page for External Probes on the LogTag North America website.
<b>Recording Capacity</b>	32,000 total log memory. Provides 16,000 temperature readings per channel. Day summary statistics memory (for display on LCD): up to 30 days of Min/Max/duration and alarm trigger statistics.
<b>Sampling Interval</b>	Configurable from 30 seconds to 18 hours
<b>Logging Start Options</b>	Push button start (with configurable start delay from 1 minute to 72 hours) or specific date & time
<b>Download Time</b>	Typically with full memory (32,130 readings) in less than 10 seconds
<b>Environmental</b>	IP51 (when vertically mounted or hung with USB dust-cap in place)
<b>Calibration</b>	Factory calibrated using NIST equivalent reference equipment. Calibration certificate available on request
<b>Power Source</b>	5V via micro USB socket or, 2 x 1.5V AAA batteries. CR2032 LiMnO <sub>2</sub> coin cell (backup logging function only)
<b>Battery Life</b>	Device should normally be powered via USB. AAA batteries provide backup power for up to 2 months
<b>Connection Interface</b>	USB 2.0 / Micro-USB plug
<b>WiFi</b>	802.11 b/g/n
<b>Bluetooth®</b>	Bluetooth® V4.2 BR/EDR and Bluetooth LE®
<b>Size</b>	141mm(H) x 72mm(W) x 18mm(T)
<b>Weight</b>	158g with AAA batteries, (134g - excluding probe and AAA batteries)
<b>Case Material</b>	Polycarbonate

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# Connection Software

Real-time data automatically uploaded via WiFi to the LogTag Online cloud.

