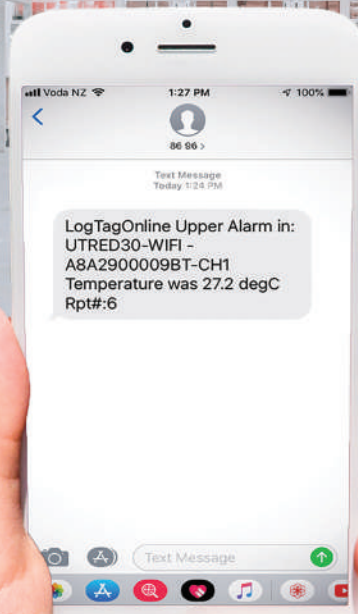


YOUR DATA, ANYWHERE, ANYTIME



**LogTag**<sup>®</sup> UTRED30-WiFi  
30 Day WiFi Dual-Channel Logger

Find Quality Products Online at:

[www.GlobalTestSupply.com](http://www.GlobalTestSupply.com)

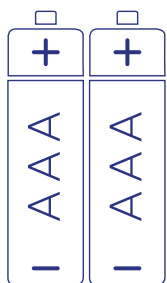
[sales@GlobalTestSupply.com](mailto:sales@GlobalTestSupply.com)



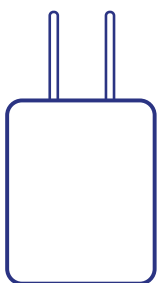
The LogTag® UTRED30-WiFi dual-channel temperature data logger automatically uploads real-time temperature data to your LogTag® Online cloud account via your existing wireless network.

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.

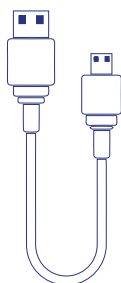
## Accessories



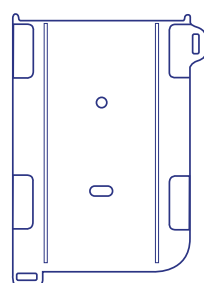
**2x AAA Batteries**  
Not Included



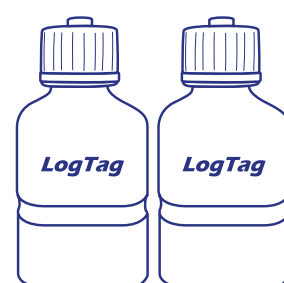
**USB Cable**  
Included



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



**UTRED/UTREL30 Wall Mount**  
Not Included



**Glycol Buffer**  
Not Included



**Socket Cover<sup>\*</sup>**  
Included (Optional to use)



**External Probe<sup>\*\*</sup>**  
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.



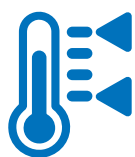
Download data via LogTag Analyzer or as a PDF (no software required) when Wi-Fi is unavailable.



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.



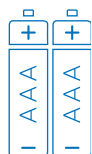
View alarm status for up to 30 days at a glance.



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).<br>Better than 0.2°C (0.4°F) for -40°C to -30°C (-40°F to -22°F).<br>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)<br>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)<br>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)<br>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.<br>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.

