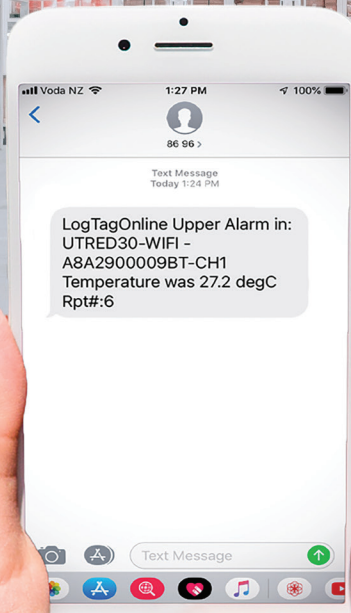YOUR DATA, ANYWHERE, ANYTIME

**LogTag®** UTRED30-WiFi
30 Day WiFi Dual-Channel Logger

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.
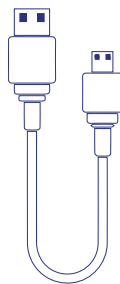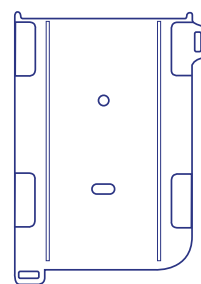
Accessories
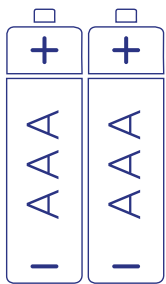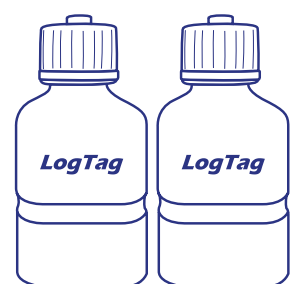

2x AAA Batteries
Not Included
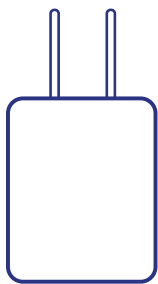
USB Cable
Included

AC Adapter^
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:

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

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

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

Features

Real-time data automatically uploaded via WiFi to the LogTag Online cloud.
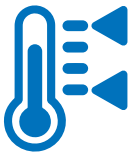
Download data via LogTag Analyzer or as a PDF (no software required) when Wi-Fi is unavailable.

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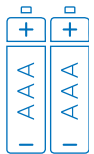
Can be powered by 2x AAA batteries (user replaceable) if external power is lost.

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

Product Model	UTRED30-WiFi
Sensor Measurement Range	-40°C to +99°C (-40°F to +210°F)
Operating Temperature Range	-30°C to +60°C (-22°F to +140°F)
Storage Temperature Range	-10 °C to +40 °C (32 °F to +104 °F)
Rated Temperature Reading Resolution	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).
Rated Temperature Reading Accuracy	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)
Probe Connectivity	Up to 2
Probe Compatibility	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.
Recording Capacity	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.
Sampling Interval	Configurable from 30 seconds to 18 hours
Logging Start Options	Push button start (with configurable start delay from 1 minute to 72 hours) or specific date & time
Download Time	Typically with full memory (32,130 readings) in less than 10 seconds
Environmental	IP51 (when vertically mounted or hung with USB dust-cap in place)
Calibration	Factory calibrated using NIST equivalent reference equipment. Calibration certificate available on request
Power Source	5V via micro USB socket or, 2 x 1.5V AAA batteries. CR2032 LiMnO$_2$ coin cell (backup logging function only)
Battery Life	Device should normally be powered via USB. AAA batteries provide backup power for up to 2 months
Connection Interface	USB 2.0 / Micro-USB plug
WiFi Authentication Methods	Open, WPA2/PSK (with or without PMF), EAP-PEAP, EAP-TTLS
WiFi	802.11 b/g/n
Bluetooth®	Bluetooth® V4.2 BR/EDR and Bluetooth LE®
Size	141mm(H) x 72mm(W) x 18mm(T)
Weight	158g with AAA batteries, (134g - excluding probe and AAA batteries)
Case Material	Polycarbonate

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Connection Software

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

For more information on LogTag Online, please visit our website:

logtagrecorders.com/online