

## Wireless Temperature Data Logger



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## Specifications

**Alarm Type:** Audio High/Low, Low Battery, Calibration Due, Lost Communication Alarms  
**Ambient Operating RH Conditions :** 0-95% RH non-condensing (Logger only)  
**Ambient Operating Temperature Conditions:** -22 to 122F (-30 to 50C)  
**Antenna Type:** Internal  
**Approvals:** RoHS, FCC Part 15 Compliance, CE  
**Battery Backup:** 4 AA Batteries  
**Battery Life (Avg):** 6 Months (at 2 Minute Sample Rate in Moderate Conditions)  
**Cable Details:** USB - Male Series A plug to 5 pin Male Series B mini plug.  
**Cable Length:** 6ft  
**Calibration Options:** N100 , N300, N400, & N520  
**Channels:** CH1: Temperature, CH2: Temperature  
**Data Capacity:** 32,000 (16,000 per channel)  
**Digital Display:** Yes  
**Dimensions:** 1.7 x 4.25 x 4.25in  
**Download Type:** Wireless  
**Enclosure:** Black; ABS Plastic Clam Shell  
**IP Rating:** 21  
**Included Accessories:** USB Cable, AC Adapter, 4 AA Batteries, Quick Start Guide  
**Mounting Options:** Free Standing or Wall Mount (With Keyhole)  
**Note on Alarm Type:** All alarm conditions will generate a pop-up notification in the Dickson WiZARD Software. Text/Email notification available with use of WiZARD SECURE Software.  
**Notes:** The WT340 Logger reads temperature and sends data back to the Receiver at regular intervals.  
**Output Signal:** 4800 Baud Serial Data  
**PC Requirements:** Minimum of 2 GB RAM; Windows XP (with service pack 3) and Windows 7; 2 available USB ports  
**Power Cord:** 6 ft  
**Power Source:** 120 to 240 VAC, 12 VDC (INTL fittings available)  
**Power Source Input:** AC 100-240 0.5V 60/50 Hz  
**Power Source Output:** DC 9V, 1A  
**Power Status Indicator:** Red/Green/Blue (RGB) LED  
**Radio Frequency:** 900 MHz (902 to 928 MHz)  
**Remote Sensor Length:** 4  
**Remote Sensor Type:** 1 K T/C with Mini Connector  
**Response Time:** 30 Seconds to 63% of Full Scale  
**Sample Interval:** User Selectable (from 10 seconds to 1 hour in 10 second intervals)  
**Signal Strength:** Less than 100 mW  
**Storage Conditions:** -22 to 158F (-30 to 70C)  
**Storage Conditions RH:** 0-95% RH non-condensing  
**Temperature Accuracy:** +/-1.8F from -22 to 122F (+/-1C from -30 to 50C)  
**Temperature Range:** -300 to 2000F (-184 to 1093C)  
**Temperature Sensor Type:** Digital Temperature Sensor

**Unit Weight:** 3 lbs  
**Units/Pkg:** 1  
**Wireless Range:** 300 ft

## Accessories WT340



**Replaceable Sensor**  
Single K-TC Replaceable Temperature Sensor



**Wireless Receiver and Software**  
Wireless Receiver and Software



**Wireless Receiver and Software with Email and Text Alerts**  
Wireless Receiver and Software



**Wireless Receiver and 21CFR11 Secure Software**  
Wireless Receiver and 21CFR11 Secure Software



**Wireless Wizard2 IQOQ Validation Package**  
Wireless Wizard2 IQOQ Validation Package



**Software**  
Logger Calibration Software

## Accessories WT340



### Certificate of Validation

Certificate of Validation



### Glycol Bottle

Bottle of Propylene Glycol Solution - dampen temperature swings.



### Thermocouple Extension

K-Thermocouple 100' (30m) Extension Cable



### Temperature Probe

6" (15cm) High Temperature Immersion Probe



### Shielded Immersion Probe

15' (4.5m) Shielded Thermocouple with 4" (10cm) stainless steel tip



### Piercing Probe

4" (10cm) Thermocouple Handled Piercing Probe

## Accessories WT340



**Probe Extension**  
K-Thermocouple 10' (3m) Extension Cable



**Temperature Probe**  
Replacement Bead Wire Temperature Probe



**AC Adapter**  
AC Adapter



**Universal Plug Kit for AC Adapter**  
Set of Three International Power Plugs for AC Adapter

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## Calibrations

- N100** 1-Point NIST Traceable Calibration
- N300** 3-Point NIST Traceable Calibration
- N400** 3-Point Ultima NIST A2LA Accredited Calibration