

Wireless Temperature Data Logger



Specifications

Alarm Type: High/Low, Low Battery, Calibration Due, Lost Communication

Ambient Operating RH Conditions : 0-95% RH non-condensing

Ambient Operating Temperature Conditions: -22.0 to 160.0F (-30.0 to 71.0C)

Antenna Type: Internal

Approvals: RoHS, FCC Part 15 Compliance, CE

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: 6.0ft

Calibration Options: N100 , N300, N400, & N520

Channels: CH1: Temperature

Data Capacity: 32,000

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, 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 WT320 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 Source: 4 AA Batteries (User Replaceable)

Power Status Indicator: Red/Green/Blue (RGB) LED

Radio Frequency: 900 MHz (902 to 928 MHz)

Remote Probe Dimensions : Houses thermistor sensor in polycarbonate plastic; 1.5" x 0.5" (1.25cm x 4.5cm)

Remote Sensor Length: 10 ft (optional)

Remote Sensor Type: 1 Field Replaceable Digital Temperature Sensor

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: -22.0 to 158.0F (-30.0 to 70.0C)

Storage Conditions RH: 0-95% RH non-condensing

Temperature Accuracy: +/-1.2F from 20.0 to 122.0F 1.8F (+/-1.0C from -30.0 to 50.0C)

Temperature Range: -22.0 to 122.0F (-30.0 to 50.0C)

Temperature Sensor Type: Field Replaceable

Unit Weight: 3 lbs

Units/Pkg: 1

Wireless Range: 300 ft

Calibrations

N100: 1-Point NIST Traceable Calibration

N300: 3-Point NIST Traceable Calibration

N400: 3-Point Ultima NIST A2LA Accredited Calibration

Accessories



A868 - Sensor Dust Filter

Sensor Dust Filter - prolong the life of your sensor.



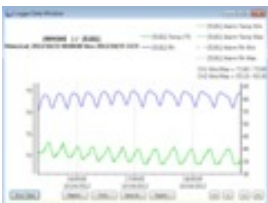
R300 - Replaceable Temperature Sensor

Angled Temperature Replaceable Sensor Replacement



WA300 - WiZARD2 Wireless Repeater

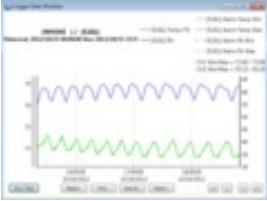
Wireless Repeater



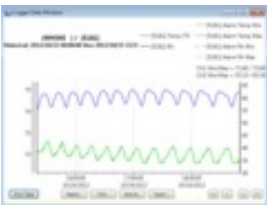
WR325 - Wireless Receiver and 21CFR11 Secure Software

Wireless Receiver and 21CFR11 Secure Software

Accessories



WR323 - Wireless Receiver and Software with Email and Text Alerts
Wireless Receiver and Software



WR320 - Wireless Receiver and Software
Wireless Receiver and Software



N530 - Wireless Wizard2 IQOQ Validation Package
Wireless Wizard2 IQOQ Validation Package