

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 to 160F (-30 to 71C)
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: 6ft
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 to 158F (-30 to 70C)
Storage Conditions RH: 0-95% RH non-condensing
Temperature Accuracy: +/-1.2F from 20 to 122F 1.8F (+/-1C from -30 to 50C)
Temperature Range: -22 to 122F (-30 to 50C)
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



R300 - Replaceable Temperature Sensor

Angled Temperature Replaceable Sensor Replacement



WR320 - Wireless Receiver and Software

Wireless Receiver and Software



WR323 - Wireless Receiver and Software with Email and Text Alerts

Wireless Receiver and Software



WR325 - Wireless Receiver and 21CFR11 Secure Software

Wireless Receiver and 21CFR11 Secure Software



A895 - Probe Extension Cable

10' Extension Probe for Pre-Calibrated Sensor

Accessories



N520 - Certificate of Validation
Certificate of Validation



A868 - Sensor Dust Filter
Sensor Dust Filter - prolong the life of your sensor.