

Wireless Temperature & Humidity 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 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: Humidity
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
Humidity Accuracy: +/-2% RH from 0 to 60%; +/-3% RH from 60 to 95%
Humidity Range: 0-95% RH non-condensing
Humidity Sensor Type: Digital RH Sensor
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 WH345 Logger reads temperature and humidity 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 Probe Dimensions : Houses thermistor and RH 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/RH 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: +/-0.8F from 20 to 122F 1.8F Remaining (+/-0.44C from -7 to 85C 1C Remaining)

Temperature Range: -20 to 185F (-28 to 85C)

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



R200 - Replaceable Temperature/Humidity Sensor

Angled Temperature/Humidity Replaceable Sensor



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



R157 - AC Adapter
AC Adapter



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