

2.4 GHz 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 WHG45 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: 2.4 GHz
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 10 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

Accessories WHG45



Replaceable Temperature Sensor
Angled Temperature Replaceable Sensor Replacement



2.4 GHz Wireless Receiver and Software
2.4 GHz Wireless Receiver and Software



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



2.4 GHz Wireless Receiver and 21CFR11 Secure Software
2.4 GHz Wireless Receiver and 21CFR11 Secure Software



Certificate of Validation
Certificate of Validation



Probe Extension Cable
10' Extension Probe for Angled Pre-Calibrated Sensor

Accessories WHG45



Wireless Wizard2 IQOQ Validation Package

Wireless Wizard2 IQOQ Validation Package



Probe Dust Filter

Probe Dust Filter - prolong the life of your instrument.



AC Adapter

AC Adapter



Universal Plug Kit for AC Adapter

Set of Three International Power Plugs for AC Adapter



Software

Logger Calibration Software

Calibrations

N100 1-Point NIST Traceable Calibration

N300 3-Point NIST Traceable Calibration

N400 3-Point Ultima NIST A2LA Accredited Calibration