

## WiFi Temperature & Humidity Data Logger



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### Specifications

**Alarm Type:** Phone Call, SMS Text, Email, Audible

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

**Ambient Operating Temperature Conditions:** -22 to 122F (-30 to 50C)

**Antenna Type:** External

**Approvals:** RoHS, FCC Part 15 Compliance, CE

**Battery Backup:** 4 AA Batteries

**Battery Life (Avg):** 72 hours

**Calibration Options:** N100 , N300, N400, & N520

**Channels:** CH1: Temperature, CH2: Humidity

**Data Capacity:** 32,000 (16,000 per channel); Backup

**Digital Display:** Yes

**Dimensions:** 1.7 x 4.25 x 4.25in

**Download Type:** WiFi (Automatic)

**Enclosure:** Black; ABS Plastic Clam Shell

**Humidity Accuracy:** +/-2% RH from 0 to 60% RH (+/-3% RH from 60 to 95% RH)

**Humidity Range:** 0 to 95% RH (non-condensing)

**Humidity Sensor Type:** Replaceable Digital RH Sensor

**IP Rating:** 21

**Included Accessories:** AC Adapter, 4 AA Batteries, USB Cable, Replaceable Sensor

**Mounting Options:** Free Standing or Wall Mount (With Keyhole)

**Note on Alarm Type:** Alarms can be created for scenarios where the readings are outside a given range, communication has been lost, or the batteries are low. All paid accounts are eligible to receive email and SMS text alarm notifications.

**PC Requirements:** DicksonOne.com can be accessed from any Windows, Mac, or Linux PC/Laptop using Google Chrome, FireFox, Safari, or Internet Explorer 9. WiFi loggers need a Windows PC with .Net 4.0 or newer for initial configuration. WiFi loggers are compatible with WEP, WPA, and WPA2 Personal security protocols.

**Power Cord:** 6 ft

**Power Source:** 120 to 240 VAC, 12 VDC (INTL fittings available)

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

**Radio Frequency:** 2.4 GHz

**Remote Probe Dimensions :** Houses thermistor and RH sensor in polycarbonate plastic; 2.12" x 1.2" x 0.5"

**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: 60 seconds, 90 seconds, 2 minutes, 5 minutes, 10 minutes, 30 minutes, 1 hour

**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 -30 to 50C 1C Remaining)

**Temperature Range:** -22 to 122F (-30 to 50C)

**Temperature Range Note:** Range can be increased to -40 to 185F with use of extension cable

**Temperature Sensor Type:** Field Replaceable Digital Temperature / RH Sensor

**Unit Weight:** 3 lbs  
**Units/Pkg:** 1

## Accessories WFH20



**Replaceable Temperature/Humidity Sensor**  
Angled Temperature/Humidity Replaceable Sensor



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



**Certificate of Validation**  
Certificate of Validation



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



**AC Adapter Extension Cable**  
10' Power Extension 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