

WiFi and Ethernet Data Logger



Specifications

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

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): 72 hours

Calibration Options: N100 , N300, N400, & N520

Channels: One Channel

Data Capacity: 412,020 (Backup)

Digital Display: Yes

Dimensions: 1.7 x 4.25 x 4.25in

Download Type: Wireless

Enclosure: Grey/White; ABS Plastic Clam Shell

IP Rating: 21

Included Accessories: Network cable

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

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

Radio Frequency: 2.4 GHz

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

Remote Sensor Length: Optional 10 ft extension cable (up to 3 extension cables can be added without sacrificing accuracy)

Remote Sensor Type: 1 Field Replaceable Digital Sensor

Sample Interval: User Selectable from: 60 seconds, 90 seconds, 2 minutes, 5 minutes, 10 minutes, 30 minutes, 1 hour

Software Options: All DicksonOne Data Loggers must be connected to a DicksonOne subscription to function correctly.

Storage Conditions: -22 to 122F (-30 to 50C)

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

Temperature Range (for base units): Temperature range varies based on the selected Replaceable Sensor/Probe.

Temperature Sensor Type: Field Replaceable Digital Temperature Sensor

Unit Weight: 3 lbs

Units/Pkg: 1

Calibrations

N100 1-Point NIST Traceable Calibration

N300 3-Point NIST Traceable Calibration

N400 3-Point Ultima NIST A2LA Accredited Calibration

Accessories



A898 - 10' Sensor Extension Cable
10' Replaceable Sensor Extension Cable



A061 - USB Download Cable
USB Download Cable - length 6 feet (2m)



R066 - Touchscreen Universal Plug Kit
International Plug Kit for Touchscreen Data Loggers



R180 - AC Adapter
AC Adapter for TSB/TWE/TWP Loggers and the KT8/KT6 series.



RTHM - Glass Bead Thermistor Sensor
Touchscreen Thermistor Replaceable Sensor

Accessories



RRTD - RTD Sensor
Touchscreen RTD Replaceable Sensor



RTRH-S - Temperature & Humidity Sensor (Straight)
Temperature & Humidity Replaceable Sensor (Straight)



RTMP-S - Ambient Temperature Sensor (Straight)
Ambient Temperature Replaceable Sensor (Straight)



N535 - DicksonOne IQOQ Validation Package
DicksonOne IQOQ Validation Package



RTHM2 - Glass Bead Thermistor Sensor
Touchscreen Thermistor Replaceable Sensor



A255 - PoE Adapter
Adapter for powering on a unit through an active powered ethernet port.