# 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:** 32 to 158F (0 to 70C)

**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:** Approx 400,000 sample points (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 or Mac PC with Java 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 - Universal Plug Kit for Data Loggers**
International Plug Kit for Data Loggers

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

# Accessories

**RTHM - Glass Bead Thermistor Sensor**
Touchscreen Thermistor Replaceable Sensor

**RKTC - K-Thermocouple Sensor**
Touchscreen K-Thermocouple Replaceable Sensor

**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)

DWE

# Accessories

**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.

**RKTC2 - Dual K-Thermocouple Sensor**
Touchscreen Dual K-Thermocouple Replaceable Sensor

**A062 - AC Adapter Extension Cable**
10' Power Extension for AC Adapter