

# Display Temperature & Humidity Logger



## Specifications

**Alarm Type:** Audio/Visual on High/Low Temp Limits

**Ambient Operating RH Conditions :** 5-95% RH non-condensing

**Ambient Operating Temperature Conditions:** -4.0 to 158.0F (-20.0 to 70.0C)

**Approvals:** CE

**Battery Backup:** Yes, with use of AC Adapter

**Battery Life (Avg):** 6 Months

**Cable Details:** USB - Male Series A plug to 5 pin Male Series B mini plug. Serial - 9 pin female D-shell to male 2.5mm stereo plug

**Cable Length:** 6.0ft

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

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

**Data Capacity:** 32,000 (16,000 per Channel)

**Dew Point Accuracy:** +/-3.6F from 30.0 to 95.0% RH (Calculated)

**Dew Point Range:** -22.0 to 122.0F (-30.0 to 50.0C)

**Dimensions:** 1.6 x 3.0 x 4.0in

**Display Dimensions Height:** 1.375

**Display Dimensions Width:** 2.0

**Display Resolution:** 0.1 from 0.0 to 999.99; 1 over 1000

**Display Type:** LCD

**Display Update Rate:** 10 Seconds (Battery Power), 1 Second (AC Power)

**Download Time:** 1 Minute (USB), 3 Minutes (Serial)

**Download Type:** USB / Serial / Flash Card

**Humidity Accuracy:** +/-2.0% RH from 0.0 to 60.0% (+/-3.0% RH from 60.0 to 95.0%)

**Humidity Range:** 0-95% RH non-condensing

**Humidity Sensor Type:** Monolithic IC Humidity Sensor

**IP Rating:** 20

**Included Accessories:** Four AA Batteries, Remote Probe and Quick Start Guide. \*Software is not included.

**Memory Type:** EEPROM, Removable Flash Storage Device

**Minimum Software Version Required:** 8.3

**Mounting Options:** Wall Mount (With Keyhole)

**PC Requirements:** Microsoft Windows 98 or newer, 16 MB RAM, 1 free COM (serial) port with dedicated interrupt or 1 USB root hub, CD drive, VGA monitor or better

**Power Source:** Four AA Batteries (User Replaceable) \*AC Adapter is not included, but can be used.

**Power Source Notes:** AC Power is optional, but not included.

**Power Status Indicator:** LCD Display

**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

**Remote Sensor Type:** Thermistor

**Response Time:** 1 Minute to 63% of Full Scale

**Sample Interval:** User Selectable (from 1 second to 24 hour intervals, in 1 to 10 second increments).

**Software Options:** A015, A025, A016, A026

**Temperature Accuracy:** +/-0.8F from 20.0 to 120.0F 1.8F

**Temperature Range:** -40.0 to 185.0F (-40.0 to 85.0C)

**Temperature Sensor Type:** Thermistor

**Unit Weight:** 3 lbs

**Units/Pkg:** 1

**Warranty:** 12-Month Limited

## Calibrations

**N100:** 1-Point NIST Traceable Calibration

**N300:** 3-Point NIST Traceable Calibration

**N400:** 3-Point Ultima NIST A2LA Accredited Calibration

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## Accessories



**A062 - AC Adapter Extension Cable 10'**  
10' Power Extension for R157 AC Adapter



**R157 - AC Adapter**  
AC Adapter



**R065 - Universal Plug Kit for AC Adapter**  
Set of Three International Power Plugs for AC Adapter



**R006 - AA Battery**  
AA Alkaline Battery

## Accessories



### **A867 - Probe Dust Filter**

Probe Dust Filter - prolong the life of your instrument.



### **A220 - Card Reader Kit**

Includes USB Reader and Flash Memory Card



### **A210 - Memory Card**

Removable Flash Memory Card



### **A126 - AA Batteries**

4 Pack AA Lithium Batteries



### **A061 - USB Download Cable**

USB Download Cable - length 6 feet (2m)

## Accessories



**A060 - Serial Download Cable**  
Serial Download Cable - length 6 feet (2m)



**A026 - Secure Software**  
DicksonWare Secure Software with USB Cable



**A016 - Software**  
DicksonWare Software with USB Cable