

Display Temperature & Humidity Logger



Specifications

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

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

Ambient Operating Temperature Conditions: -4 to 158F (-20 to 70C)

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: 6ft

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 to 95% RH (Calculated)

Dew Point Range: -22 to 122F (-30 to 50C)

Dimensions: 1.6 x 3 x 4in

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% RH from 0 to 60% (+/-3% RH from 60 to 95%)

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 to 120F 1.8F

Temperature Range: -40 to 185F (-40 to 85C)

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

Accessories



R006 - AA Battery
AA Alkaline Battery



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



R157 - AC Adapter
AC Adapter



A016 - Software
DicksonWare Software with USB Cable

Accessories



A026 - Secure Software

DicksonWare Secure Software with USB Cable



A060 - Serial Download Cable

Serial Download Cable - length 6 feet (2m)



A126 - AA Batteries

4 Pack AA Lithium Batteries



A210 - Memory Card

Removable Flash Memory Card



A220 - Card Reader Kit

Includes USB Reader and Flash Memory Card

Accessories



A867 - Probe Dust Filter

Probe Dust Filter - prolong the life of your instrument.



A062 - AC Adapter Extension Cable

10' Power Extension for R157 AC Adapter