

Display Temperature Data Logger



Specifications

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

Ambient Operating RH Conditions : 0-95% RH non-condensing (Logger only)

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

Data Capacity: 32,000

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

IP Rating: 20

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

Memory Type: EEPROM, Removable Flash Storage Device

Minimum Software Version Required: 9.0

Mounting Options: Wall Mount (With Keyhole)

Network Connectivity: MP100

PC Requirements: Microsoft Windows 98 or better; 16 MB RAM, 1 free 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

Probe Cable: .110 inch diameter (cord only); .190 inch (probe tip only)

Probe Tip Length: 2inch

Remote Sensor Length: 6

Remote Sensor Type: Platinum RTD Probe

Response Time: 30 Seconds to 63% of Full Scale

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

Software Options: A015, A016, A025, A026

Temperature Accuracy: +/-0.5F from -50 to 350F (+/-0.28C from -46 to 176C)

Temperature Range: -50 to 350F (-45 to 176C)

Temperature Sensor Type: Thermistor/RTD Probe

Unit Weight: 3 lbs
Units/Pkg: 1
Warranty: 12-Month Limited

Accessories SM420



Software

DicksonWare Software with USB Cable



Secure Software

DicksonWare Secure Software with USB Cable



Certificate of Validation

Certificate of Validation



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



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



AA Batteries
4 Pack AA Lithium Batteries



Memory Card
Removable Flash Memory Card



Card Reader Kit
Includes USB Reader and Flash Memory Card



AA Battery
AA Alkaline Battery



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



AC Adapter
AC Adapter



Calibration Software
Logger Calibration Software

Accessories SM420



AC Adapter Extension Cable
10' Power Extension for AC Adapter

Calibrations

- N100** 1-Point NIST Traceable Calibration
- N300** 3-Point NIST Traceable Calibration
- N400** 3-Point Ultima NIST A2LA Accredited Calibration