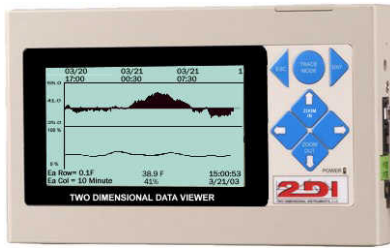




Specifications:

TDVDR-02 ThermaViewer™ with Temperature/RH probes



Monitors & Documents temperature/RH ($\pm 0.2^{\circ}\text{C}$, 2%RH).
Two thermistor/RH probes w 20-foot cables.
Large LCD displays 10 month temperature/RH chart.
Zooms in/out to show temperature detail.
Trace mode to highlight individual temperatures.

The Numbers:

Size: 8 3/8" x 5" x 1 3/8"

Display: Various user selectable graphic presentations.

Size: 8 3/8" x 5" x 1 3/8"

Display: Various user selectable graphic presentations.

Display Resolution: .1 Degrees on LCD display .0001 on PC (stored as 14 digit number)

Probe type: Thermistor/RH sensor on 20' cable

LCD Size: 2.5" x 4.5" Graphic Display.

LCD Pixels: 240 Horizontal, 128 Vertical.

LCD Temperatures: 32°F to 122°F operating. -4°F to 154°F non-operating.

LED: Green – indicates AC power present

Sample Interval: User selectable: 15 sec - 60 min

Data Storage Technique: Battery Backed-Up SRAM

On Board RAM: 256k



PDI-2 Thermistor/RH



Data Stored: 43,004 samples per channel.

Number of Channels for temperature only sensors: 2

Sensor Temperature Range: Thermistor-Plastic enclosure: -40°C to 75°C ($\pm 0.2^{\circ}\text{C}$)¹

Thermistor w Stainless Steel Probe: -62°C to 120°C ($\pm 0.2^{\circ}\text{C}$)

Humidity Range: 2% to 100% noncondensing, ($\pm 2\%$ RH at 23°C)².

Operating Range for Humidity Sensor: -40°C to 75°C (-40°F to 167°F)

Calibration: Optional NIST traceable.

Characterization: On-board one point table accessed through the menu system.

Power: 12vac/dc 50/60hz (wall transformer) with emergency 9vdc battery backup.

Battery Backup: >48 hours with auto sleep mode set at 15 seconds and display asleep.

Output to PC: RS 232 (Com port) via custom cable (DB9 to audio style plug).

PC Software: Included with automatic and batch downloading. Site license.

Indicators: LCD & LED.

Controls: Seven buttons on membrane switch.

User Settings: Via onboard menu system.

Relay: Passive (dry contact) 2 terminal clamp <30 volts, (fused for .1 amp).

Alarm Conditions: min, max, rate of change of temperature.

Weight of display unit: 1 lb.

Shipping weight: 4.5 lbs with power adaptor, sensors, cables, battery, and users guide. de.

[ThermaViewer Users Guide](#)