Minnow 2.0T / 2.0TH Temperature
& Humidity Logger with LCD Display

Description:

The Minnow 2.0 is a precision temperature and humidity data logger with the highest temperature accuracy of any competing logger. With a standard **accuracy of +/- 0.17C** and a **calibrated accuracy of +/- 0.07C** the Minnow 2.0 is unmatched in accuracy and resolution for its price range.

A free Win / Mac PC application is provided with the Minnow logger and communications are made via a USB-A connector located under the protective cap.

Significant features

- High accuracy & high resolution (displays 0.01°C changes in temperature)
- USB-A (under cap) for direct connection to Mac or PC, no cable required
- External sensor cable **(coming soon)**
- NIST calibration of all internal and external channels available

Sensors:

Temperature (T and TH model)

- Range: -25°C to 80°C
- Resolution: 0.01 °C
- Accuracy: **+0.17°C** (from +5°C to 60°C)
- Cal Accuracy **+0.07°C** (within +20°C of Cal Temp)

Humidity (TH model)

- Range   0% to 100% RH
- Resolution   0.016% RH
- Accuracy   +3% (20% to 80%), +5% else

LCD Display

- Temperature resolution of 0.01°C
- Humidity resolution of 0.1 %
- min, max, average for all channels accessed by dedicated display button

LEDs

- Two dedicated LED indicators
- Two color for operation
- Single color for alarms

Alarms:

- High and Low alarms for all channels
- Ability to enable or disable any alarm
- Dedicated Alarm LED and LCD indicator

Data Storage:

- 65,000 samples of two channels (65K Temp + 65K Humidity)

Start Modes:

- Push button start
- Scheduled start
- Start on disconnect from PC
- Real time logging (stream to PC)

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Connections:
- USB-A male located under protective cap
- 3.5mm for external sensors
- Gasket sealed end cap covers both

IP: Ingress Protection
- IP65 in both the T and TH models

Power:
- User replaceable 2 x CR2032 batteries
- 2 years battery life while logging battery life while logging (display in time-out mode)
- 6 month battery life (display always on)

Real Time Clock:
- Time automatically synced to PC
- Battery backup. Continues to keep time when off
- High accuracy: 0.50 sec/day (~3 min/year)

Holder
- Optional wall bracket for logger
- Spaces logger off wall for accurate measurements

Dimensions:
- 79 mm x 43 mm x 12 mm

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