

Minnow 2.0TH Temperature & Humidity Data Logger with LCD Display

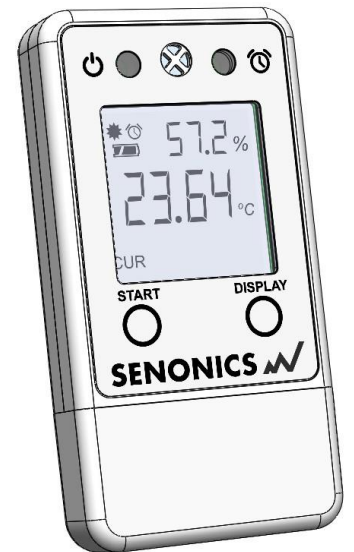
Description:

The Minnow 2.0 is a precision temperature and humidity data logger with the highest temperature accuracy of any competing data logger. With a standard **accuracy of +/- 0.13C** 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)
- Fast screen refresh rate (every 1-2 seconds)
- USB-A (under cap) for direct connection to Mac or PC, no cable required
- External Temperature and Humidity sensor cable
- NIST calibration of all internal and external channels available



Sensors:

Temperature

- Range: -25°C to 80°C
- Resolution: 0.01 °C
- Accuracy: **±0.13°C** (0°C to 65°C) **±0.3°C** else
- Cal Accuracy **±0.07°C** (within **±20°C** of Cal Temp)

Humidity

- Range 0% to 100% RH
- Resolution 0.02% RH
- Accuracy **±2%** (10% to 90%), **±4%** 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
- Running symbol
- Battery level indicator

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)

Connections:

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

IP: Ingress Protection

- IP65

Power:

- User replaceable 2 x CR2032 batteries
- 2 years battery life while logging with display in timeout mode
- 6 month battery life with 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

