

ID/TRH Internet-Ready Temperature/Humidity Datalogger

The **ID/TRH** is designed to monitor, record, store, and transmit via the Internet the ambient temperature and relative humidity (NIST traceable) of interior living, working and storage spaces. *It is designed for use in computer rooms, libraries, museums, ... anywhere that accurate temp/RH monitoring and alarms is required*

ADVANTAGES OF THE ID/TRH

- **LABOR SAVING** – unit configuration and data access is performed from any remote location via the Internet. *The ID/TRH ends the need for personnel to manually download data, as in conventional dataloggers.* One person can monitor multiple locations from anywhere in the world, 24 hours a day.
- **ACCURATE** – The ID/TRH is sensitive to $\pm 1^{\circ}\text{F}$ (range 0°F to $+150^{\circ}\text{F}$) and relative humidity to $\pm 2\%$ RH at 25°C (range 0-98% RH, non-condensing, NIST traceable)
- **EASY TO INSTALL** – Requires only a power outlet and 10Base-T Ethernet connection
- **BATTERY BACKUP** – Operates with onboard clock backed up by internal battery. Automatic reset in the event of power failure
- **NTP clock synchronization.**
- **SECURE** – unit configuration is password-protected
- **WORLDWIDE ACCESS** – data can be retrieved from any computer with an internet connection
- **24-HOUR/DAY MONITORING** - Room conditions are sampled every 1-30 minutes. (sample rate is user-configurable)
- **TEXT & GRAPHIC DISPLAYS** – show easy-to-read daily or long-term trends in room conditions
- **E-MAIL ALARM** - In the event of an out-of-tolerance temperature or relative humidity reading, an e-mail notification is immediately sent to a user-defined address

TECHNICAL SPECIFICATIONS

- **SIZE** – 5-1/4" x 5-1/2" x 1-5/8" desktop unit
- **APPLICATION ENVIRONMENT** – For indoor use only, 0-98% RH non-condensing
- **SENSITIVITY** – Temperature to $\pm 1^{\circ}\text{F}$ (0°F to $+150^{\circ}\text{F}$) and relative humidity to $\pm 2\%$ RH at 25°C , (NIST traceable)
- **SAMPLING PERIOD** – User-defined, 1-30 minutes between samples
- **POWER** – AC with battery clock backup. Automatic reset in the event of power failure
- **CONFIGURATION** – Direct serial link or remote telnet connection. (password-protected)
- **DATA READOUT** – Remote via any world-wide web browser
- **DATA STORAGE** – 15,000+ samples
- **ALARM** – E-mail notification to predetermined address if monitored parameters exceed preset limits