

## Temperature and Humidity Virtual Chart Recorder

### iTHX-D3 Series



Optional

- ✓ Web Server
- ✓ Alarms by Email or Text Message
- ✓ Accurate Readings
- ✓ Data Logging
- ✓ No Special Software Required

### View Temperature and Humidity with a Web Browser

The OMEGA® iTHX transmitter lets you monitor and record temperature, relative humidity, and dew point over an Ethernet network or the Internet with no special software except a web browser.

The iTHX serves active web pages to display real-time readings, charts of temperature and humidity, or log data in standard data formats for use in a spreadsheet or data acquisition program such as Excel or Visual Basic.

The virtual chart viewed on the web page is a JAVA™ Applet that records a chart over the LAN or Internet in real time. With the iTHX, there is no need to invest time and money learning a proprietary software program to log or chart the data.

#### Adjustable Charts

Chart scales are fully adjustable on the fly. For example, the chart can display one minute, one hour, one day, one week, one month or one year. Temperature and humidity can be charted across the full span [-40 to 124°C (-40 to 254°F)], and 0 to 100% RH or within any narrow range such as 20 to 30°C (68 to 86°F).

#### Award-Winning Technology

The OMEGA iTHX is simple to install and use, and features OMEGA's award-winning iServer technology that requires no special software except a web browser.

The iTHX connects to an Ethernet network with a standard RJ45 connector and sends data in standard TCP/IP packets. It is easily configured with a simple menu using a web browser and can be password protected.

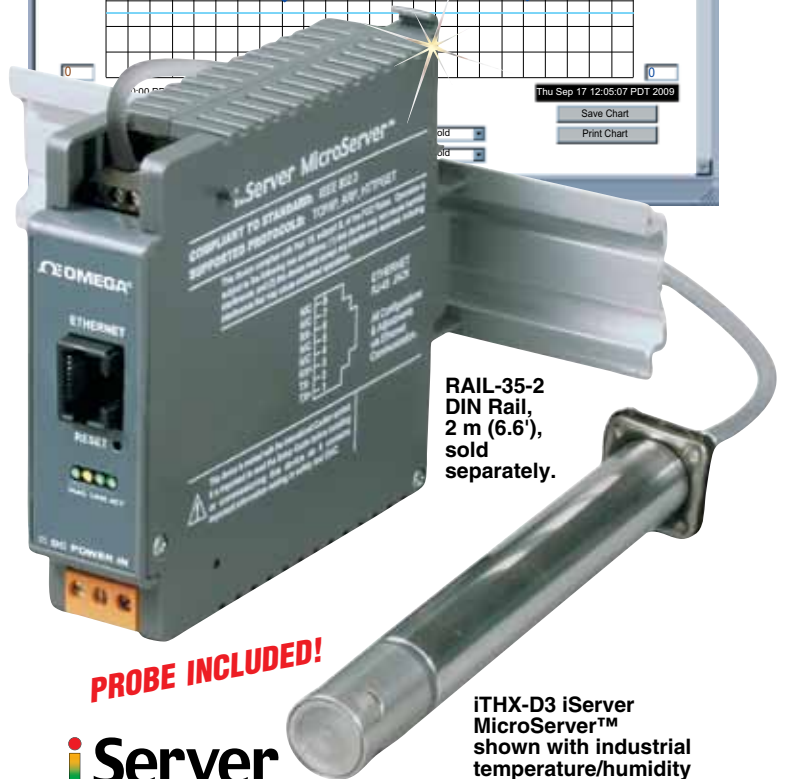
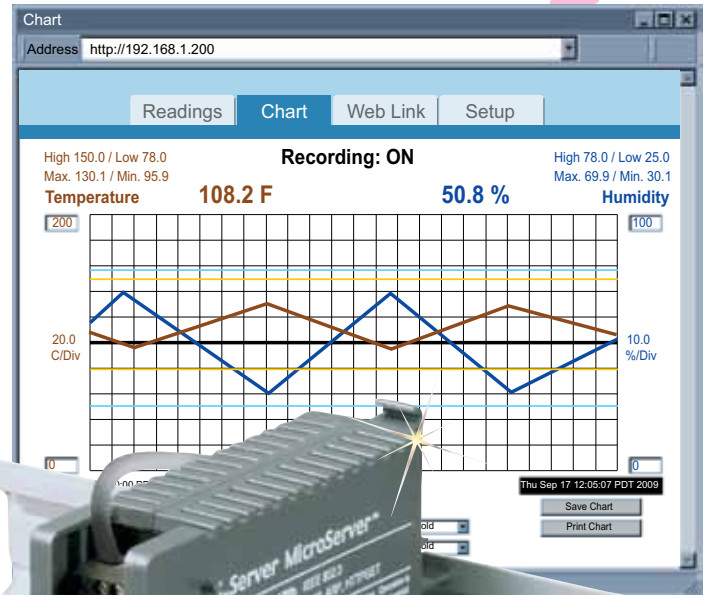
From within an Ethernet LAN or over the Internet, the user simply types the IP address or an easy-to-remember name such as "Cleanroom5" or "Server Room" in any web browser, and the iTHX serves a web page with the current readings.

#### Email Alarms

All OMEGA iTHX models that are on a LAN that is connected to the Internet can trigger an alarm that can be sent by email to a user or a distribution list anywhere in the world, including text messages to cell phones and PDA's.

#### Link to Web CAM or IP Camera

The web page includes a link to a "web cam" or "IP camera" (not included). If you get a message about an alarm condition, you can quickly click on the link to view the actual scene over the Internet.



RAIL-35-2  
DIN Rail,  
2 m (6.6'),  
sold  
separately.

**PROBE INCLUDED!**

**iServer**

iTHX-D3 iServer  
MicroServer™  
shown with industrial  
temperature/humidity  
probe (included).

#### Sensor and Calibration

The iTHX transmitters come complete with a temperature and humidity probe for measurement of a single location.

OMEGA offers a choice of industrial probes in 2" (with a 3' cable) or 5" length (with a 10' cable)



An optional Porous  
Stainless Steel Cap  
iP-SC is available  
for industrial  
probes.

iP-SC

Standard

