

iServer 2 Series Virtual Chart Recorder and Web Server

Lose the chart recorder and upgrade to full feature data collection with iServer 2. Designed as a powerful, modern alternative to traditional chart recorders, it pairs seamlessly with the standard Omega Smart Probe for reliable data monitoring. Never again worry about losing your critical data, since it is stored on the recorder and can be viewed locally any time on the large color display. Data can also be accessed any time via the integral web server.

Key Benefits & Features

- Intuitive built-in web server with live charting for real-time readings of temperature, humidity or barometric pressure
- Includes the SP-003 Smart Probe for temperature, humidity, barometric pressure, dew point, humidex, and heat index measurements; also supports up to two thermocouples (model dependent)
- Internal data storage up to 11 GB
- Front panel color display (select models)
- USB interface for easy local configuration and data extraction
- Configure the device using the integral web server; no additional software needed
- Wide range of configurable features, such as data extraction, measurement and device traceability, local alarms (select models), adaptive transmission rates
- Rugged SS housing designed for industrial applications
- CE, ICES (Canada), UKCA, FCC (part 15, Subpart B, Class B of the FCC rules) approvals
- Built in I/O can be used for a myriad of applications; edge control for autonomous independent decision-making capabilities to generate local alarms or provide control outputs based on sensor outputs (select models)
- Power over ethernet (POE) – when connected, the PC or router powers the device (deluxe models)

Memory Capacity & Sample Rate

Sample Rate	2 Active Sensors	4 Active Sensors
1 second (max)	4 years	2 years
5 seconds	24 years	12 years
10 seconds	40 years	20 years



Common Industries & Applications

Food & Beverage Manufacturing & Cold Chain

- Brewery
- Wine & spirits
- Dairy
- Bakery process

Life Science

- Clean room
- Cold chain
- Pharmaceuticals storage

Industrial Manufacturing

- Aerospace
- Alternative energy
- Automotive

Ordering Information

Model No.	Model Name	Sensor	Screen	I/O	Power	Description
iS2-THB-B	iServer 2 - Basic	M12 Smart Probe	No display	No relay, No DIO	AC to 12 V DC adaptor	Basic virtual chart recorder and webserver, no display
iS2-THB-ST	iServer 2 - Standard	M12 Smart Probe	4.3 " LCD	Relay, DIO	AC to 12 V DC adaptor	Standard virtual chart recorder and webserver with display
iS2-THB-DP	iServer 2 - Deluxe Probe	M12 Smart Probe	4.3 " LCD	Relay, DIO	AC to 12 V DC adaptor, Power over Ethernet	Deluxe Probe virtual chart recorder and webserver with display and Power over Ethernet
iS2-THB-DTC	iServer 2 - Deluxe Thermocouple	2 x Thermocouple	4.3 " LCD	Relay, DIO	AC to 12 V DC adaptor, Power over Ethernet	Deluxe Thermocouple virtual chart recorder and webserver with display and Power over Ethernet
Accessory Model No.		Description				
M12-MT-079-2F		M12-8 connector Y-splitter cable for iServer 2 dual smart probe functionality				



EASY SETUP



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