



SMART RACK CONTROLLER AND SENSORS

Raritan’s smart rack controller is an IP-based appliance and a central access point for all of Raritan’s environmental sensors such as temperature and humidity. In conjunction with Raritan’s data center infrastructure management solution (DCIM) this comprehensive rack monitoring tool provides sensor readings and asset management helping you to improve the total cost of ownership (TCO) of your data center operations.

MANAGE AND MONITOR YOUR RACK ENVIRONMENT

Built-in connectivity for environment sensors, serial, USB, wired or wireless network, and asset management tagging. The EMX is compatible with 3rd party management tools and Raritan’s DCIM software solutions Power IQ® (power infrastructure management) and dcTrack® (data center operations management). Easy to use and easy on your budget.



FEATURES AND BENEFITS

The Raritan EMX is a central connection point for all of Raritan’s environmental sensors. The EMX smart rack controller offers up to eight sensor ports, eight feature ports for Raritan’s dynamic asset-tracking solution and eight RS-485 ports, all in a 1U form factor. Raritan’s rack monitoring solution helps data center and facilities managers:

- Minimize the hours needed to track IT assets
- Ensure uptime by monitoring racks for possible hot spots.
- Save on cooling costs by confidently raising data center temperatures
- Maintain cabinet security with USB webcams and contact closure sensors
- Improve data center uptime by receiving environment alerts
- Make strategic decisions on environmental design & modifications

MODELS	
EMX2-111	Smart rack controller with 1 RJ-12 sensor port, 1 RJ-45 feature port for AMS, 1 RJ-45 RS-485 port, 1 USB-A port, 1 USB-B port, 1 RJ-45 Ethernet port, 1 DB-9M console/modem, LCD display
EMX2-888	Smart rack controller with 8 RJ-12 sensor ports, 8 RJ-45 feature ports for AMS, 8 RJ-45 RS-485 ports, 2 USB-A ports, 1 USB-B port, 1 RJ-45 Ethernet port, 1 DB-9M console/modem, 2 contact closure, LCD display
Certifications	Certifications include FCC Part 15, A; SAA, CE, EAC, RoHS/WEEE compliant.
Warranty	Two years. In addition Raritan offers two years extended warranty.

ENVIRONMENTAL SENSORS*	
DPX-T1	Single temperature sensor - 3m (10ft) cable length - RJ-12 connector
DPX-T1H1	Single combo temperature and humidity sensors - 3m (10ft) cable length - RJ-12 connector
DPX2-T1H1	Single combo temperature and humidity sensor, field replaceable sensor modules, 13ft (4m) cable, RJ-12 connector [Not supported by DPX and PX models]
DPX3-T1H1	Single combo temperature and humidity sensor. Daisy chainable (15x), 2x RJ45 (F) connectors
DPX-T2H2	Dual combo temperature and humidity sensors - 3m (10ft) cable length and additional 3m (10ft) between combination sensors - RJ-12 connector
DPX-T3H1	Combo of three temperature and one humidity sensors (T, T+H and T) - 3m (10ft) cable length and additional 3m (10ft) between combination sensors - RJ-12 connector
DPX-T1DP1	Differential air pressure with temperature sensor
DPX-AF1	Single airflow sensor
DPX-ENVHUB4	4-port hub for Raritan environmental sensors only; comes with mounting bracket and RJ12-to-RJ12 cable to connect to, and receive power from EMX
DPX-CC2-TR	Dual contact closure sensor - RJ-12 connector
DPX-WSF-KIT	Floor water sensor plus contact closure sensor
DPX-WSC-35-KIT	3.5m (11ft) rope water sensor plus contact closure sensor
DPX-WSC-70-KIT	7m (23ft) rope water sensor plus contact closure sensor



Note: This is only a small sample of the available sensors we offer. Please contact sales for more information on our sensor portfolio.



ENDORSEER OF THE EU CODE OF CONDUCT ON DATA CENTRE ENERGY EFFICIENCY

Formulated by the EU's Joint Research Centre, the Code is a measured response to the energy challenges the EU faces. It's aim is to encourage companies with data centers to reduce energy consumption while ensuring business objectives continue to be met.

As an endorser, Raritan have pledged to implement the Code's ethos through devising products and services that help organizations to bring their data centers into line with its best practice recommendations.

Visit www.raritan.eu or call +31 (0)10 284 4040 to learn more about the EMX.

