

Easily view data from all monitoring devices in one place

Packet Power's Hub easily connects non-Packet Power monitoring devices to the EMX Energy Portal. This allows companies using EMX to gain insights into energy usage and environmental conditions from nearly any device that can support standard SNMP or Modbus protocols.

Once installed, the Hub securely gathers data from specified monitoring units that are on the same network as the Hub. Data mapping tools and services are available to support a wide range of devices.

Benefits



Installs easily

- Fully self-configuring setup
- Acts as a local agent to gather and format data for use in EMX



Cost effective

- One Hub can support up to thousands of monitoring points
- Installs easily with minimal ongoing support



Open

- Easily gather data from nearly any power or environmental monitoring device that supports SNMP or Modbus protocols
- Supports both locally installed and cloud-based EMX systems



Full EMX functionality

- Realtime data, alerts and easily customized reports
- Appears the same as a Packet Power device within EMX

Hub Models

SNMP Devices



EMX Energy Portal



SNMP Hub

Feeds data from SNMP devices to EMX.

Modbus Devices



EMX Energy Portal



Modbus Hub

Feeds data from Modbus TCP/IP devices to EMX. Data from serial Modbus devices can usually be accessed via a serial-to-TCP/IP converter.

Technical Specifications

Communications

Network connection	Ethernet cable
Monitor to Hub ratio	Hundreds of monitoring units per hub
Hubs per site	Unlimited hubs per site; supports multiple sites
Compatible devices	Power and environmental monitoring devices residing on a Modbus TCP/IP or SNMP network
System status	LCD display for status and configuration details; LED display for general device status

Environmental & Mechanical

Operating temperature	0° to 40°C (32° to 104°F)
Operating humidity	10% to 90% non-condensing
Water and dust resistance	Indoor use
Hub size	Dimensions: 76mm x 94mm x 31mm; Weight: 65g (3 oz)
External power supply	100 to 240V AC input; 50 to 60Hz (5V DC output)
Power consumption	0.7 Watts
Power over Ethernet	Available, requires PoE splitter

Packet Power EMX Energy Portal

Instant access to power and environmental monitoring

Packet Power's EMX Energy Portal seamlessly integrates monitoring hardware, wireless networking, analysis and reporting into a ready-to-run system.

- Easy monitoring and analysis - Web access to detailed power and environmental information.
- Integrated hardware and software - Packet Power's self-configuring wireless network automatically recognizes new devices and immediately sends data for monitoring.
- Saves time and money - EMX can be online and commissioned in a fraction of the time and cost of conventional BMS and DCIM systems while delivering the critical information needed to operate and optimize your data center.

