

ATEN EC1000 CONTROL CENTER BOX FOR 4 PDU IP-READY



DESCRIPTION

The ATEN EC1000 Energy Box is the latest evolution of NRGence ATEN's energy intelligence solutions. It is the intelligent, cost effective solution to monitor ATEN's Energy PDUs, to ensure safe and effective energy-saving power management.

The EC1000 Energy Box has four Energy Sensor ports to connect to four Energy PDU modules and four Environment Sensor ports for external sensors to monitor environmental conditions.

Each environmental sensor can provide measured readings of temperature, humidity, and differential pressure from separate areas of a data room, giving a wide range of monitoring and protection you need.

The Energy Box allows power and environmental data to be monitored and displayed at the rack or remotely for easy viewing and maintenance.

The Energy Box is a standalone unit with Over IP monitoring that is controlled by Web GUI or ATEN's eco Sensors software.

The EC1000 Energy Box features real-time status, system logs, threshold alerts, and event notifications.

The EC1000 logs power and environmental conditions according to customizable minimum/maximum thresholds set for electrical current, temperature, humidity, and differential pressure.

When used in conjunction with ATEN's Energy PDUs and eco Sensors Energy Management Software, the EC1000 allows you to conveniently upgrade your cabinet with remote energy management functionality to make your server room go green quickly and cost-effectively.

Specifications :

Operation

- Space saving 1U rack mounting with front and rear mounting
- 4 RJ-45 Energy Sensor Ports to monitor four Energy PDU currents (0A to 32A per port)
- 4 RJ-11 Environment Sensor Ports to monitor temperature, humidity, and differential pressure*
- Maximum Amperage Monitor 32A@100V~240V (Energy Box)
- 3 digit 7 segment front panel LED displays current/sensor/IP address information

Threshold monitoring for:

- 1.Current
- 2.Temperature
- 3.Humidity
- 4.Differential pressure

Threshold alerting through:

1. Local: audible alarm and LED lights
2. Remote: SMTP/SNMP trap/Syslog

Management

- Front panel LED indicators for current, temperature, humidity, differential pressure, and IP address information at the Energy Box
- Remote real-time current, temperature, humidity, and differential pressure monitoring and management
- Management through eco Sensors Energy Management Software or 3r party SNMP manager
- Supports name assignment for individual Energy PDUs

Remote Access

- Remote management via TCP/IP using built in 10/100Mbps Ethernet port
- Management via built in browser based GUI
- Network Interfaces: TCP/IP, UDP, HTTP, HTTPS, SSL, SMTP, DHCP, NTP, DNS, 10Base-T/100Base-TX, auto sense, Ping
- Supports SNMP Manager V1, V2, V3

note : temperature, humidity, differential pressure requires optional external sensors

TECHNICAL CHARACTERISTICS

Brand : ATEN

Part number : EC1000-AX-G

Connectivity technology : Wired

DC-in jack : Y

Depth : 75.9 mm

Height : 44 mm

Housing colour : Black

Housing material : Metal

Input voltage : 100-240 V

LED indicators : Power, Status

Manual : Y

Master (outer) case gross weight : 9.1 kg

Master (outer) case height : 283 mm

Master (outer) case length : 500 mm

Master (outer) case net weight : 7.1 kg

Master (outer) case width : 232 mm

Number of devices supported : 4

Operating frequency : 50/60 MHz

Operating relative humidity (H-H) : 0 - 80%

Operating temperature (T-T) : 0 - 50 °C

Package depth : 265 mm

Package height : 220 mm

Package weight : 1.68 kg

Package width : 95 mm

Power consumption (typical) : 2.93 W

Power source type : AC

Products per master (outer) case : 5 pc(s)

RJ-45 ports quantity : 4

Storage relative humidity (H-H) : 0 - 80%

Storage temperature (T-T) : -20 - 60 °C

Weight : 1.42 kg

Width : 200 mm