Simply Better Connections

PE4104

4-Outlet Eco PDU Power Controller

Engineered to be an intelligent power distribution solution, the PE4104 Eco PDU Power Controller ships with 4 power outlets in an IEC/NEMA socket configuration. It provides secure, centralized, intelligent, and remote power management of data center IT equipment to minimize the operating cost.

The PE4104 features the remote power control function, allowing you to control devices attached to the PDU at the PDU device level from practically any location via a TCP/IP connection. The power sequence design eliminates the risks for a power inrush to guarantee reliable operation and protects the overall system health. With the support for eco DC software, it provides an easy method for managing multiple devices, offering an intuitive and user-friendly Graphical User Interface that allows you to configure a PDU device and reboot the device in case any equipment lock-up occurs. The administrators can switch on/off or set a delay time for each power outlet or individual power outlets group whenever, wherever.

The PE4104 boasts a slim, compact form factor and supports desk mount as well as rack mount, ensuring easy installation in confined spaces. It is a smart power control box tailored for hospitality or retail applications, such as digital signages and video walls, for edge computing devices, including routers, servers and cameras, or for any data center environments where there is no need to keep the servers powered on at all times.

Features

- Power Distribution
  - Space saving slim form factor
  - IEC / NEMA power outlet
  - Separates power for the unit's own power and its power outlets – user interface is still accessible even when an overload condition trips the device’s circuit breaker

- Remote Access
  - Remote power control via TCP/IP and a built in 10/100 Ethernet port
  - Network Interfaces: TCP/IP, UDP, HTTP, HTTPS, SSL, SMTP, ARP, NTP, DNS, SNMP V1&V2&V3, auto sense, Ping, Telnet, Modbus (Over TCP IP)
  - Works with web-based eco DC software
  - Supports IMAP and POP3 email protocols – enables users to switch on / off PE4104's outlets via E-mail
  - Schedule control

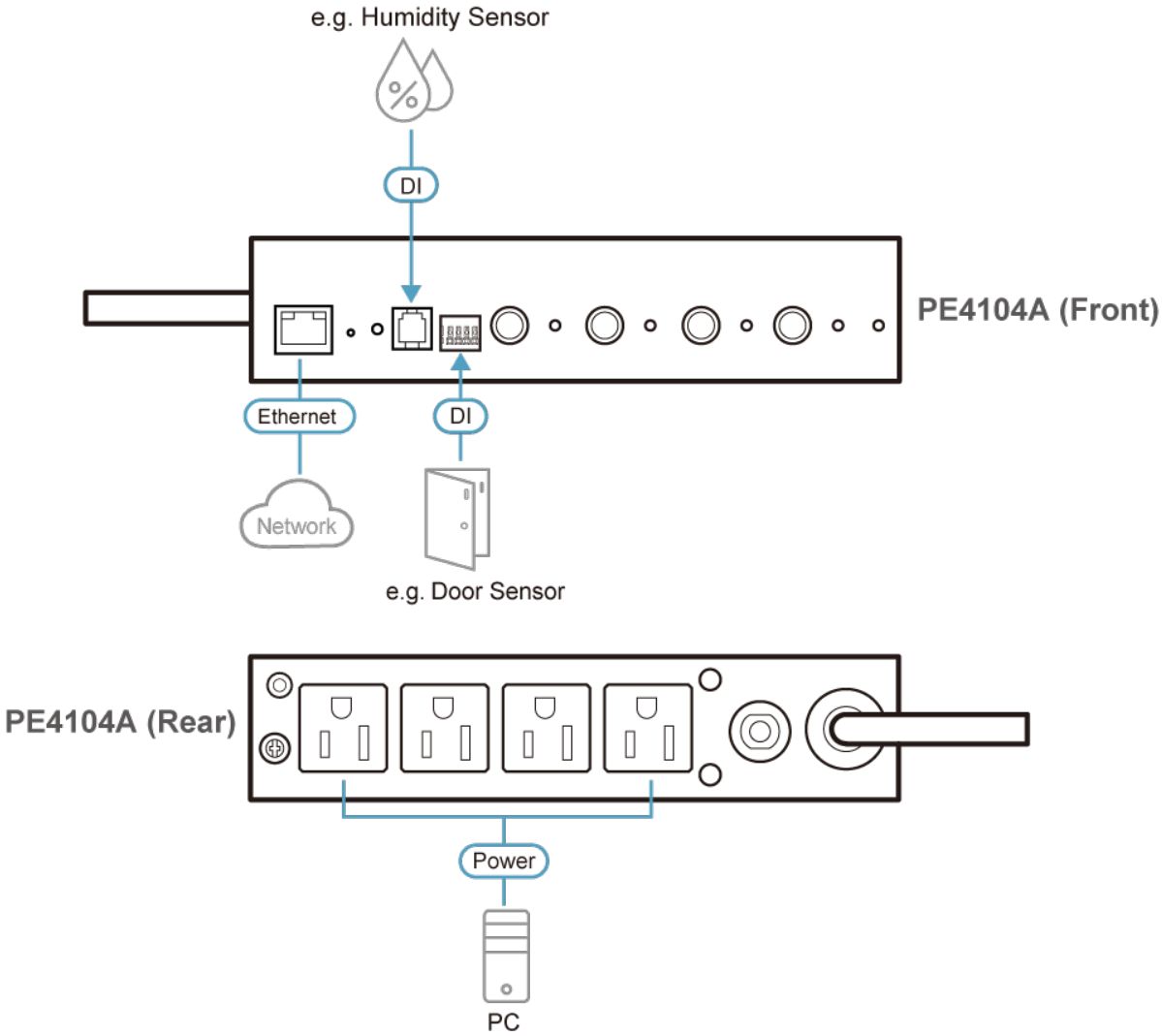
- Operation
  - Local and remote power outlet control (On, Off, Power Cycle) by individual outlets
  - Power-on sequencing – users can set the power on sequence and delay time for each port to allow equipment to be turned on in a proper order
  - Easy setup and operation via a browser-based user interface
  - Receives the heartbeat signals of its connected devices from PMonitor regularly to ensure their normal operation and reboots them when no signal is being sent to it
  - Outlet lock functionality – use of the front panel Power Control Button for the outlet can be disabled to prevent inadvertent button presses

- Security
  - Two-level password security
  - Strong security features include password protection and advanced encryption technologies – TLS1.2
  - Remote authentication support: RADIUS

Specifications

Function	PE4104A	PE4104G
Electrical		
Nominal Input Voltage	100-120 VAC	100 – 240 VAC
Maximum Input Current	15A(Max), 12A(UL de-rated)	10A(Max)
Input Frequency	50-60 Hz	50-60 Hz
Input Connection	NEMA 5-15P	IEC C14
Input Power	1800VA(Max) 1440VA(UL de-rated)	2400VA(Max)
Outlet Type	(4) NEMA 5-15R	(4) IEC 320 C13
Nominal Output Voltage	100-120 VAC	100 – 240 VAC
Maximum Output Current (Outlet)	15A(Max), 12A(UL de-rated)	10A(Max)
Maximum Output Current (Bank)	15A(Max), 12A(UL de-rated)	10A(Max)
Maximum Output Current (Total)	15A(Max), 12A(UL de-rated)	10A(Max)
Breakers	Yes(UL1077)	Yes(UL1077)
Metering	No	No
Outlet Switching	Yes	Yes
Power Consumption	AC110V:3.1W:20BTU/h AC220V:3.5W:22BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.	AC110V:3.1W:20BTU/h AC220V:3.5W:22BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Physical Properties		
Dimensions (L x W x H)	20.00 x 12.81 x 4.40 cm (7.87 x 5.04 x 1.73 in.)	20.00 x 12.81 x 4.40 cm (7.87 x 5.04 x 1.73 in.)
Weight	0.90 kg (1.98 lb)	0.90 kg (1.98 lb)
Power Cord Length	3m	3m
Environmental		
Temperature (Operating / Storage)	0 – 50°C / -20 – 60°C	0 – 50°C / -20 – 60°C
Humidity (Operating & Storage)	0 – 80% RH, Non-Condensing	0 – 80% RH, Non-Condensing
Compliance		
EMC Verification	FCC Class A	CE-EMC
Safety Verification	By request	CE-LVD
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	

Diagram



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