

## PE4104

4-Outlet IP Control Box



Engineered to be an intelligent power distribution solution, the PE4104 IP Control Box 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

**Specification**

| 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<br>AC220V:3.5W:22BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. | AC110V:3.1W:20BTU/h<br>AC220V:3.5W:22BTU/h<br><br>Note:<br>● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br>● 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<br>(7.87 x 5.04 x 1.73 in.)                                                                                                                                                                                                                        | 20.00 x 12.81 x 4.40 cm<br>(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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