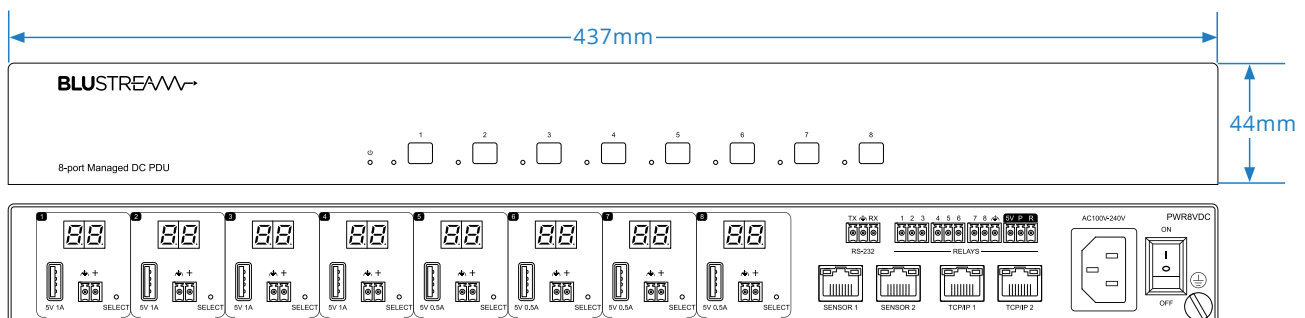
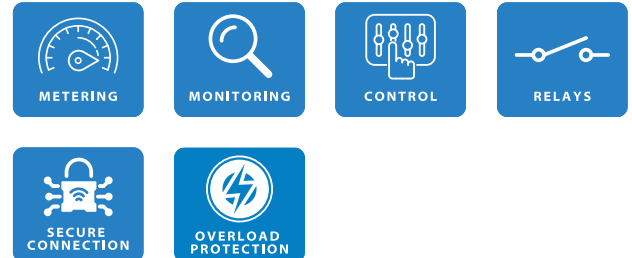


8 Port Managed Low Voltage PDU

Description

The PWR8VDC is an outlet-level metered and switched smart PDU. The unit features 1 x IEC C14 inlet for power, and 8 x variable voltage output outlets for controlled supply to low-power consumption devices.

The PDU supports TCP/IP and RS-232 control, and a redundant TCP/IP port as a back-up. Front panel buttons for manual switching of power to individual outlets, and a single mains switch for overall system power. Relay connections (x8), and 2 x sensor ports can also be used for automatic control of power to both inlet and individual outlet stages when triggered from 3rd party control platforms or BMS systems. Remote access and monitoring can be set-up and achieved via the web-GUI.



Key Features

- Single C14 IEC inlet with 8x configurable voltage 2-pin Phoenix connector outlets
- Products supports 110-250V AC power input up to 10A
- Configurable multi-voltage outputs selectable between 5/9/12/18/24V supporting up to 30W power per outlet
- Supports 8x managed USB-A ports for powering 3rd party devices (ports 1-4 5V 1A, ports 5-8 5V 500mA)
- Monitoring and metering of Voltage, Current, Power, and Energy Consumption
- In-built self-healing through a 8-channel Watchdog, enabling adjustable ICMP or TCP monitoring per outlet, and automatic restarts to maintain uptime. Available from firmware levels v1.5.0 onwards
- Overload Protection and Interference Filtering
- Advanced power management features including scheduling and power on/off sequencing
- Multifomat sensor ports for integration to 3rd party control sensors including temperature, humidity, air pressure, security etc
- Control via TCP/IP, RS-232, Front Panel buttons, or Relays
- Dual TCP/IP network ports providing uninterrupted network service / access with SSL connectivity
- Relays for automated switching of inlet, and individual power outlets
- Provides remote monitoring with password authentication through web-GUI
- Support multiple network and IoT protocols
- 1U design for 19" rack mount integration - Rack mounting kit included

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Specifications

- **Rack-Mountable:** 1U rack height, rack ears included
- **Casing Dimensions (W x D x H):** 437mm x 245mm x 44mm
- **Dimensions Including Connections (W x D x H):** 437mm x 252mm x 44mm
- **Shipping Weight:** 5kg
- **Operating Temperature:** 32°F to 104°F (0°C to 40°C)
- **Storage Temperature :** -4°F to 140°F (-20°C to 60°C)
- **Power Supply:** Internal 110-250V AC

Connectivity

- **Power Input ports:** 1 x C14 IEC 10A
- **Power Output ports:** 8 x 2-Pin Phoenix connector, 8 x USB-A
- **Relay Control:** 4 x 3-Pin Phoenix connector
- **RS-232 serial port:** 1 x 3-Pin Phoenix connector
- **TCP/IP Control:** 2 x RJ45, female
- **Sensor Ports:** 2 x RJ45, female

Package Contents

1 x PWR8VDC
1 x Serial Cable - DB9 to 3 pin Phoenix Connector
4 x 3-pin 3.5mm Phoenix Connector
1 x 19" Rack Mounting Kit
4 x Mounting Feet
1 x Quick Reference Card
IEC Power Cable(s)

Regulatory Compliance



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