

Intelligent Power Management

Pakedge Power Distribution Units are designed to function as a complete power control solution for A/V and smart networks. Designed with a suite of features to keep networks working at their peak, Pakedge Power Distribution Units are the easiest way to have complete control over your equipment from anywhere in the world. Features like device self-healing and boot sequencing keep your networked devices functioning optimally.



Alerts

Self-Healing

Port-Based Power Control

Always On Networking

Models

P2 Compact



2 Outlet Power Distribution Unit

P8 Rack



8 Outlet Power Distribution Unit

P20 Industrial



20 Outlet Power Distribution Unit

Key PDU Features

Multiple Modes

Device Self-Healing functionality pings connected devices at set time intervals and reboots devices that have locked up. The PDUs ping connected devices every 15 seconds to ensure they're up and running as intended. If the devices become non-responsive, the PDU power cycles the outlet the device is connected to - often resolving problems with access points, networked control systems, and other devices to seamlessly keep your network functioning perfectly. The PDU's timer functionality allows it to turn individual ports on and off on a user defined schedule.

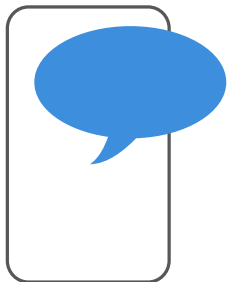
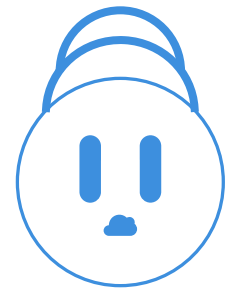


SafeStart Power-Up

Pakedge PDUs leverage boot sequencing and power scheduling to ensure devices like modems, routers, and switches power on in the proper order - ensuring optimal networked device functionality. This is particularly useful for network devices like modems, routers, and switches - ensuring they turn on in the proper sequence, preventing errors throughout the network.

Outlet-by-Outlet Control

Each outlet on the PDU can be controlled in one of four ways - through the device's web browser interface, through direct email commands to the unit, or through telnet and through the BakPak Cloud Management System, through direct e-mail commands to the unit, or through telnet - ensuring complete control over connected device power.



Configurable Alerts

Audible and E-Mail alerts can be configured to alert users to impending power overloads or temperature problems (with optional temperature and humidity sensor) - helping users to protect their A/V equipment against failure.

Temperature and Humidity Monitoring

The PTH10 Temperature and Humidity Sensor (Sold Separately) allows automated alerts or power-off of equipment if ambient temperatures or humidity rise above a user-defined threshold - protecting users' equipment from failure.



Web-Based Management

A full-featured web-based GUI allows complete control over the PDU from any locally connected PC, including complete control over boot sequencing, power scheduling, alerts, and self-healing functionality.

Extended Capabilities with BakPak™ (sold separately)

The BakPak Cloud Management System allows users to take full advantage of their PDU with the following features:



Remote Outlet-by-Outlet Control

Port-by-Port power control gives users control over their system from anywhere in the world. Users can quickly and easily name network ports for easy identification, and control power to their network directly from any smartphone or internet-connected PC.

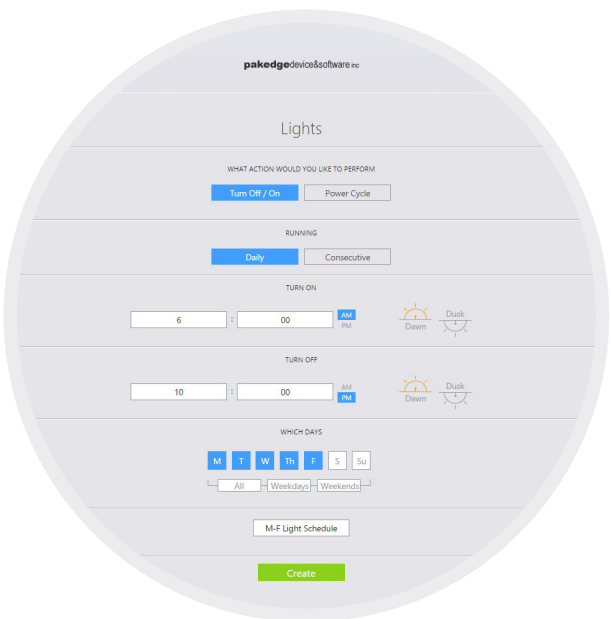
PDU Virtualization

PDU Virtualization allows users to virtually group outlets on different PDUs throughout the network into customizable stacks - allowing quick, easy control over groups of outlets or entire PDUs. This allows users to turn on or off all connected touch panels, access points, or other powered devices throughout their home at the same time.



Stacked Power Scheduling

Groups of outlets on different PDUs throughout the network can be assigned daily schedules, allowing easy, automated power control. As an example, all lights throughout a home or office can be set to turn off automatically at 10PM on weeknights, but 12PM on weekends.



PDU Specifications

	P2/P2E	P8/P8E	P20/P20E
Power Outlets	2	8	20
Dimensions	6 x 6.75 x 1.75 in (15.25 x 17.1 x 4.5 cm)	19 x 7 x 1.75 in (48.3 x 17.8 x 4.5 cm)	55 x 2.75 x 2 in (140 x 7 x 5 cm)
Input Current	US: 13 Amp EU: 10 Amp	US: 15 Amp EU: 10 Amp	US: 15 Amp EU: 10 Amp
Input Voltage	110/240 V		
Power Input	USA Model: NEMA5-15 European Model: IEC-C14		
Ethernet	10/100 Base-T		
Network Protocol	ICMP, IP, TCP, DHCP, Telnet, DNS, POP3/SMTP, SNMP, HTTP, BootP		
Temperature	-13° - 140° F (-25° - 60° C)		
Humidity	10-90% Relative Humidity		



Connect+ Certified

The Pakedge Connect+ Platform is a carefully integrated system of switches, routers, wireless, power management and software technologies, designed specifically to work with each other to deliver seamless, scalable, and reliable multimedia networking performance. When unified with the BakPak Cloud Management System, the functionality of the Pakedge Connect+ Platform is extended with cloud-enabled services such as monitoring and management of all connected devices anywhere, any time, and from any device.

Why Pakedge?

- Purpose-built for A/V and smart networking applications
- Enterprise-level performance
- Seamless, scalable, and reliable
- End-to-end network system solutions
- Free lifetime technical support
- Free lifetime firmware updates and functionality support

Warranty

Pakedge Device & Software offers a 3-year limited warranty. Pakedge Device & Software will repair or replace products that do not perform as specified within 3 years of the date of purchase due to a defect in materials, workmanship, or functionality.



2012, 2013, 2014



2013, 2014, 2015



2015



2015


About Pakedge Device & Software


Pakedge is an industry leading manufacturer of high performance end-to-end networking platforms for residential and commercial A/V applications. Recognized by industry peers and winner of the prestigious CEPro Brand Leader award for Networking in 2013, 2014 and 2015, Pakedge specializes in integrating high performance engineering innovations, operational simplicity, and systems engineering to develop technology that enables customers to unleash the power of their network.

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