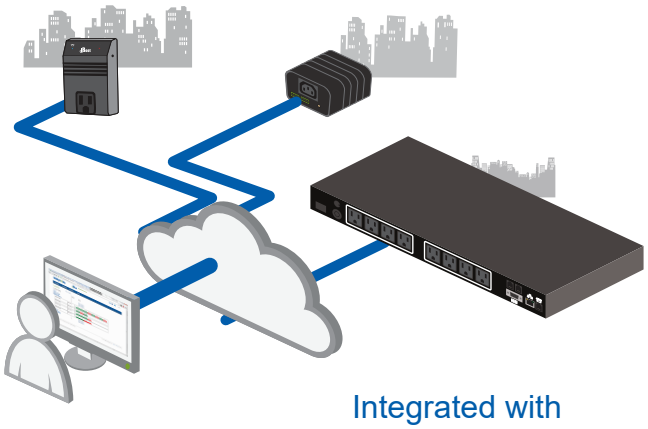
dataprobe
Making Every Network More Reliable

Development Preview

iBootPDU

General Description

The 2nd Generation iBootBar (iBootPDU) is designed to build on the popularity of the iBootBar product line and enhance it with a next generation set of models with increased capabilities, security and reliability. Additional models are planned to provide new form factors to better match with changing customer needs.



Integrated with iBoot Cloud Service

Key New Features

Enhanced Power Monitoring	Current and Voltage Monitoring. Clear home page display of High/Low and alarm trigger point settings.
Environmental Sensors	External temperature probes available as external accessories at low cost. USB design allows addition of new sensors for humidity, water spill. Digital inputs for security, level monitoring, vibration and tippage.
Increased Security	SSH and SSL security for telnet and web communications. Enhanced user management and options.
Enhanced Expansion	Low cost local expansion units based on USB. Manage remote iBoot and iBootBar units via the network from a single device.
Cloud Based Management	Integration to iBoot Cloud Service for managing all power control worldwide from a single sign-on.
4 Outlet Form Factors	Smaller units for limited space and outlet count needs. Identical capabilities to 8 outlet models.

Core Design Principals

Reliability	Product reliability and stability is a core design principal of the iBootPDU. Nothing in the design should compromise the reliability and stability of the product.
Flexibility	The user will be able to configure a wide variety of features to enhance the value of the unit with regards to network reliability. The iBootPDU will use an enhanced version of the 'Test-Trigger-Action' model to link monitored events, like AutoPings, power conditions and environmental sensors to sophisticated action plans or sequences to alert and react to changing conditions.
Customizability	The iBootPDU is designed from the outset to allow for customization of the user interface. Support shall be provided to allow for separation of user interface content and control from the presentation of content and control, and individualized activation of product features and functionality. This allows the product to easily assume distinct personality profiles as needed to support sales and marketing.
Modularity	The iBootPDU will use USB ports to allow to multiple local units. The iBootPDU will use external components to provide enhanced features such as environmental monitoring, I/O expansion, additional communications modes (3G, WiFi)

Hardware Features

4 or 8 Outlets	NEMA and IEC Versions
1 or 2 Mains	Linecords or IEC Inlets
120/240VAC	Worldwide Usage
USB-B Port	Direct connection to laptop
100Base-T Net	Web/Telnet/SNMP more
4x USB-A Ports	Expansion to Environmentals and Additional Outlets
High Temp	0 - 65° C.

4 Outlet Versions

8 Outlet Versions

Development Schedule

Pre-Compliance Beta to Core Customers	September 2016
Ship from Stock, Initial Models	May 2017

Phone: 201-934-9944
Fax: 201-934-9090
Email: sales@dataprobe.com
Website: dataprobe.com

dataprobe
Making Every Network More Reliable