

Ordering Information

Model No.	PDU Outlet	Amp	Length (mm)	Ext'l Power Plug
PDU12 - IEC16A / MT	IEC320 C13, 12 outlet	16A	1275	IEC320 C20 / 60309
PDU12 - IEC20A / MT	IEC320 C13, 12 outlet	20A	1275	Open end
PDU12 - IEC32A / MT	IEC320 C13, 12 outlet	32A	1275	60309
PDU16 - IEC16A / MT	IEC320 C13, 16 outlet	16A	1525	IEC320 C20 / 60309
PDU16 - IEC20A / MT	IEC320 C13, 16 outlet	20A	1525	Open end
PDU16 - IEC32A / MT	IEC320 C13, 16 outlet	32A	1525	60309
PDU20 - IEC16A / MT	IEC320 C13, 20 outlet	16A	1775	IEC320 C20 / 60309
PDU20 - IEC20A / MT	IEC320 C13, 20 outlet	20A	1775	Open end
PDU20 - IEC32A / MT	IEC320 C13, 20 outlet	32A	1775	60309

Accessories

Model No.	Description
-IP	IP dongle option
-CR	Circuit breaker option

(1) The standard PDUs above have a cable length of 3m.

(2) If you have any PDU requirements in addition to the above, please contact our Sales team who will be happy to arrange a quotation.



PDU Outlet



Power Plug





Intelligent Monitoring PDU

The InfraPower Intelligent monitoring PDU range features a RMS current meter that displays the total current consumption of equipment connected to the PDU. It not only allows network managers to establish the remaining capacity prior to adding a new device to the PDU, but also displays the current being drawn and receives threshold alerts remotely. These capabilities help you with capacity planning of equipment and improve the efficiency of your data centre energy consumption whilst maximising the life cycle of your hardware.



Field-replaceable RMS Current Meter

The RMS current meter has been designed as a simple field-replaceable component this helps to eliminate maintenance downtime and allows facilities engineers, and data centre managers to simply replace defective current meters without interruption of service.



Remote Access over IP via Hot Pluggable IP-dongle

To help reduce costs and provide remote monitoring and control the InfraPower PDU solution can be enhanced by using the hot pluggable IP dongle. The IP dongle adds increased functionality over traditional monitoring and basic PDU's, providing data centre staff the functionality of remote outlet control / cycling of individual ON / OFF power sockets via a simple, secure GUI management interface.



Intelligent Remote Access via an IP KVM Switch

Using a traditional low cost serial interface cable, InfraPower PDU's can be connected directly to CyberView™ IP KVM switches. This allows the network manager to use a single IP address to access both the KVM switch and the InfraPower remote PDU; simple GUI based management software then allows real-time remote control and monitoring. Using the InfraPower range of PDU solutions via serial connected to an IP KVM switch can help reduce manpower and travel costs by negating the need for staff to actually be at the equipment location improving uptime and productivity.



Cascade

InfraPower PDU solutions are designed to support daisy chain connections allowing up to 16 PDU's or 320 outlets to be cascaded via a Cat6 cable. When the IP dongle is used, the cascaded PDU's provide real-time remote management via a simple, secure GUI management interface – all the PDU's are accessed via a single network IP address.



Circuit Breaker

InfraPower PDU solutions can be fitted with an optional UL listed hydraulic magnetic load-sensing and time delay mechanism. This helps avoid nuisance tripping caused by normal in-rush current that can typically occur when servers are powering-up from cold. The flat rocker actuator not only protects against inadvertent activation, but also satisfies today's aesthetic requirements.

Ordering Information

Model No.	PDU Outlet	Amp	Length (mm)	Ext'l Power Plug
PDU12 - C13/C19 / MT	IEC320 C13 / C19, 12 outlet	32A	1275	60309
PDU16 - C13/C19 / MT	IEC320 C13 / C19, 16 outlet	32A	1525	60309
PDU20 - C13/C19 / MT	IEC320 C13 / C19, 20 outlet	32A	1775	60309

Accessories

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PDU Outlet



IEC320 C13



IEC320 C19

Power Plug



32 Amp
60309



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Ordering Information

Model No.	PDU Outlet	Amp	Length (mm)	Ext'l Power Plug
PDU12 - UK16A / MT	BS1363, 12 outlet, 45° / 135°	16A	1275	Open end / IEC320 C20 / 60309
PDU12 - UK20A / MT	BS1363, 12 outlet, 45° / 135°	20A	1275	Open end
PDU12 - UK32A / MT	BS1363, 12 outlet, 45° / 135°	32A	1275	Open end / 603090
PDU16 - UK16A / MT	BS1363, 16 outlet, 45° / 135°	16A	1525	Open end / IEC320 C20 / 60309
PDU16 - UK20A / MT	BS1363, 16 outlet, 45° / 135°	20A	1525	Open end
PDU16 - UK32A / MT	BS1363, 16 outlet, 45° / 135°	32A	1525	Open end / 603090
PDU20 - UK16A / MT	BS1363, 20 outlet, 45° / 135°	16A	1775	Open end / IEC320 C20 / 60309
PDU20 - UK20A / MT	BS1363, 20 outlet, 45° / 135°	20A	1775	Open end
PDU20 - UK32A / MT	BS1363, 20 outlet, 45° / 135°	32A	1775	Open end / 603090

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PDU Outlet

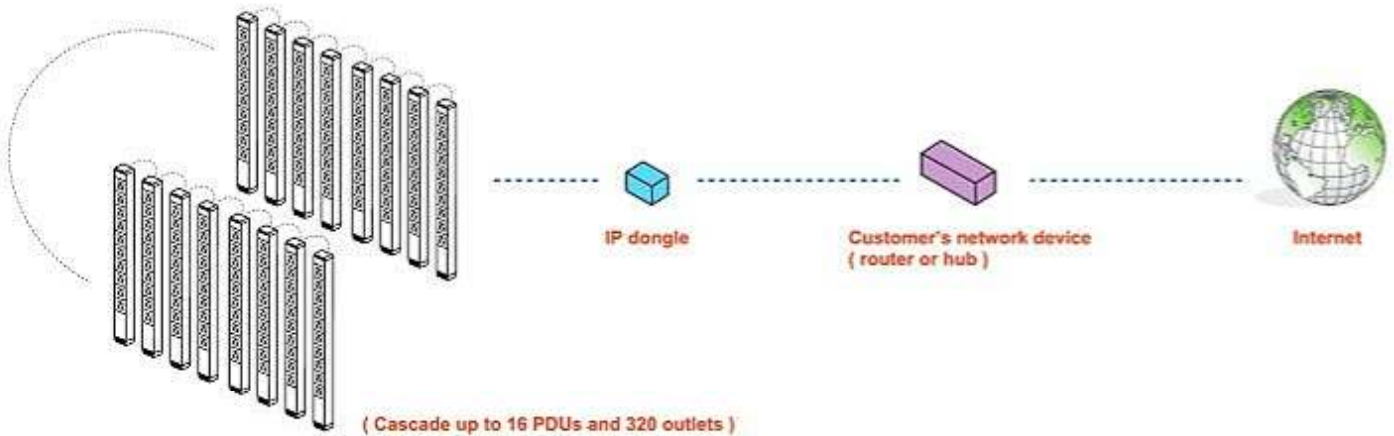


Power Plug



To remotely access and configure your PDU via an IP dongle

Using an IP dongle provides a highly cost effective method to access your switched and monitoring PDU devices. The dongle is hot pluggable and can be supplied as an upgrade or retrofit component to the entire range of InfraPower PDU devices, this offers a true migration path for installed PDU devices that do not require IP or remote access from day one installation. The IP dongle adds increased functionality over traditional metered and serial switched PDU's, providing data centre staff the functionality of remote outlet control / cycling of individual ON / OFF power sockets via a simple, secure GUI management interface shown below. InfraPower PDU solutions are designed to support daisy chain connections allowing up to 16 PDU's or 320 outlets to be cascaded via a Cat6 cable - all the PDU's are accessed via a single network IP address.



The GUI management software that is integrated within the IP dongle allows the user to see real time data and provides remote control and monitoring of the installed PDU's over a TCP/IP Ethernet network, ultimately this can help reduce manpower and travel costs by negating the need for staff to actually be at the equipment location improving uptime and productivity.

The GUI software is simply accessed via a standard web browser and is capable of automatically discovering all the connected switched and monitoring PDU's. The software supports one central management interface for all connected PDU's providing information including current consumption, overload alarm threshold, PDU name and outlet level name.



Status

- All connected PDU status
- Latest loading, circuit and maximum rating record provided
- Alarm threshold setup
- Alarm given for excessive outlet circuit
- PDU rename



Switch

- All outlet status
- Remotely outlet power on / off
- Outlet rename



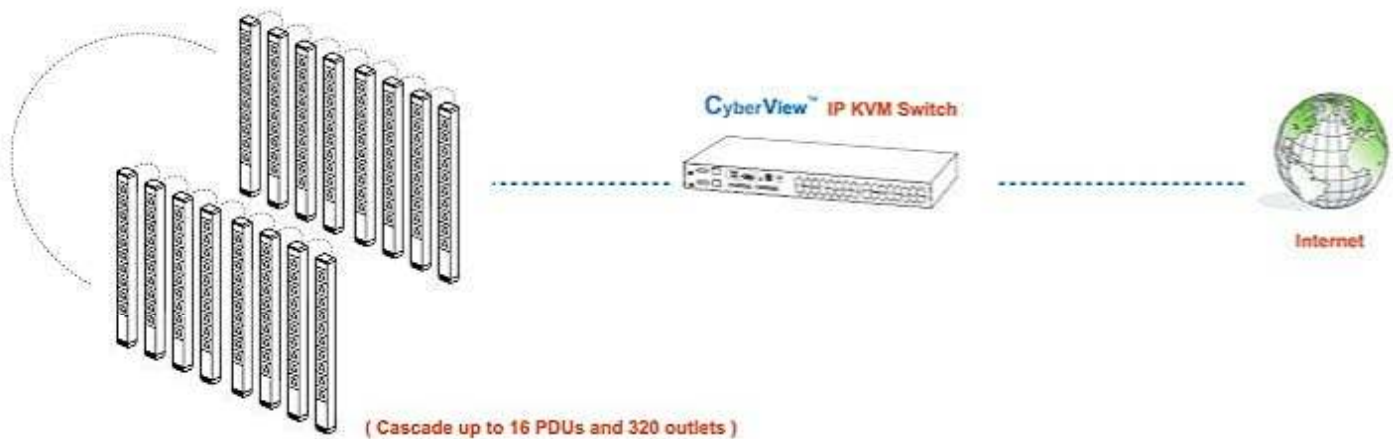
Setup

- IP dongle configuration setting
- Network setting
- Hardware information provided

To remotely access and configure your PDU via an IP KVM

Using a **CyberView™** IP KVM switch to remotely access your server and PDU network together from one GUI interface provides greater functionality whilst helping to reduce costs and consolidate the IP addresses required for hardware management. Simply using the serial port of a **CyberView™** IP KVM switch allows the PDU network to be connected and managed via a low cost cable, this provides the network administrator total peace of mind and security as the IP KVM features standard SSL security with BIOS level server access should a PDU or server re-boot be required.

One simple GUI provides a consolidated view of the equipment and helps to reduce manpower and travel costs by negating the need for staff to actually be at the equipment location improving uptime and productivity.



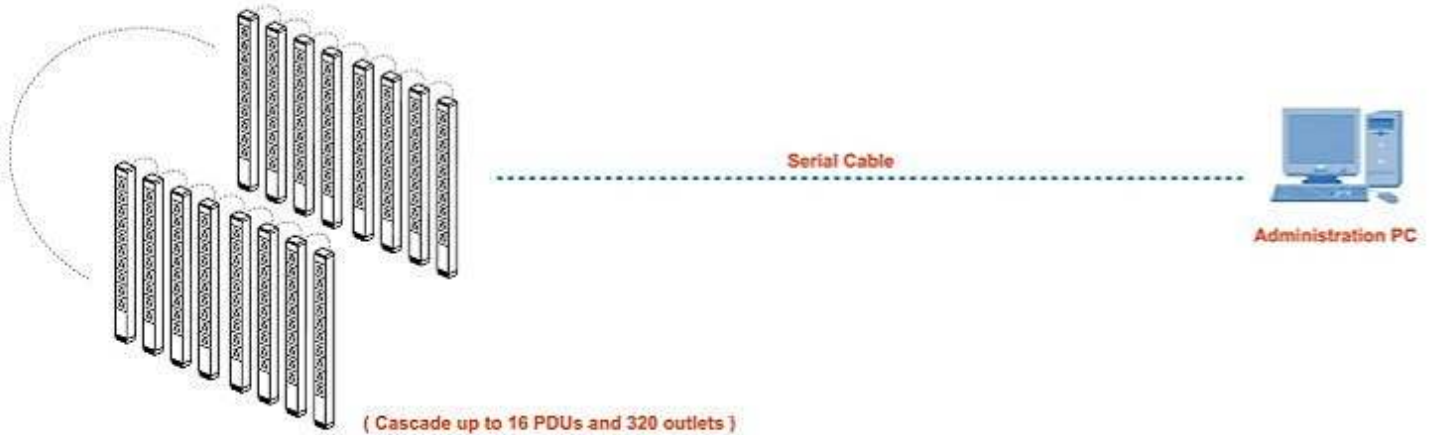
Note:
 • Developed by Austin Hughes over 10 years, **CyberView™** provides a full range of KVM switch and rackmount LCD keyboard drawers. Please refer to our web site www.austin-hughes.com for further information on Austin Hughes solutions.

CyberView™ IP KVM Models

Item	Model No.	Description
Matrix Cat6 IP KVM	MU-IP1613 / MU-IP1614 / MU-IP1624 MU-IP3213 / MU-IP3214 / MU-IP3224	Matrix Cat6 IP 16 port KVM Matrix Cat6 IP 32 port KVM
Combo Cat6 IP KVM	U-IP802 / U-IP1602 / U-IP3202	Combo Cat6 IP 8 / 16 / 32 port KVM
Combo DB-15 IP KVM	IP-802 / IP-1602	Combo DB-15 IP 8 / 16 port KVM

To remotely access and configure your PDU via **Serial**

Using the Serial interface between an InfraPower PDU and an administration PC provides by far the lowest cost connectivity setup available today. The InfraPower PDU is simply connected to the serial port of the administration PC using a low cost cable, the administration PC still offers the GUI interface to manage, monitor and control your PDU network. Alerts can be sent via SNMP and e-mail when triggered by set limits and suitable network configurations allow.



The GUI management software allows the user to see real time data and provides remote control and monitoring of the installed PDU's over a TCP/IP Ethernet network, ultimately this can help reduce manpower and travel costs by negating the need for staff to actually be at the equipment location improving uptime and productivity.

ID	Model	Serial	IP	Power	Temp	Load	Alert
01	AP1000	1234567890	192.168.1.1	ON	45	100%	OK
02	AP1000	1234567890	192.168.1.2	ON	45	100%	OK
03	AP1000	1234567890	192.168.1.3	ON	45	100%	OK
04	AP1000	1234567890	192.168.1.4	ON	45	100%	OK
05	AP1000	1234567890	192.168.1.5	ON	45	100%	OK
06	AP1000	1234567890	192.168.1.6	ON	45	100%	OK
07	AP1000	1234567890	192.168.1.7	ON	45	100%	OK
08	AP1000	1234567890	192.168.1.8	ON	45	100%	OK

Status

- All connected PDU status
- Latest loading, circuit and maximum rating record provided
- Alarm threshold setup
- Alarm given for excessive outlet circuit
- PDU rename

Outlet	Power	Temp	Load	Alert
1	ON	45	100%	OK
2	ON	45	100%	OK
3	ON	45	100%	OK
4	ON	45	100%	OK
5	ON	45	100%	OK
6	ON	45	100%	OK
7	ON	45	100%	OK
8	ON	45	100%	OK

Switch

- All outlet status
- Remotely outlet power on / off
- Outlet rename

Outlet	Event	Time	Alert
1	Power On	2023-10-27 10:00:00	OK
2	Power On	2023-10-27 10:00:00	OK
3	Power On	2023-10-27 10:00:00	OK
4	Power On	2023-10-27 10:00:00	OK
5	Power On	2023-10-27 10:00:00	OK
6	Power On	2023-10-27 10:00:00	OK
7	Power On	2023-10-27 10:00:00	OK
8	Power On	2023-10-27 10:00:00	OK

Log

- Real-time log for each outlet recorded
- Alarm given for excessive outlet circuit

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