

## User Manual

## IPS-01, IP KVM GUI Software

**MTS switched PDU**

**MT monitored PDU**



Designed and manufactured by Austin Hughes

## Legal Information

First English printing, October 2002

Information in this document has been carefully checked for accuracy; however, no guarantee is given to the correctness of the contents. The information in this document is subject to change without notice. We are not liable for any injury or loss that results from the use of this equipment.

## Safety Instructions

**Please read all of these instructions carefully before you use the device. Save this manual for future reference.**

- Unplug equipment before cleaning. Don't use liquid or spray detergent; use a moist cloth.
- Keep equipment away from excessive humidity and heat. Preferably, keep it in an air-conditioned environment with temperatures not exceeding 40° Celsius (104° Fahrenheit).
- When installing, place the equipment on a sturdy, level surface to prevent it from accidentally falling and causing damage to other equipment or injury to persons nearby.
- When the equipment is in an open position, do not cover, block or in any way obstruct the gap between it and the power supply. Proper air convection is necessary to keep it from overheating.
- Arrange the equipment's power cord in such a way that others won't trip or fall over it.
- If you are using a power cord that didn't ship with the equipment, ensure that it is rated for the voltage and current labeled on the equipment's electrical ratings label. The voltage rating on the cord should be higher than the one listed on the equipment's ratings label.
- Observe all precautions and warnings attached to the equipment.
- If you don't intend on using the equipment for a long time, disconnect it from the power outlet to prevent being damaged by transient over-voltage.
- Keep all liquids away from the equipment to minimize the risk of accidental spillage. Liquid spilled on to the power supply or on other hardware may cause damage, fire or electrical shock.
- Only qualified service personnel should open the chassis. Opening it yourself could damage the equipment and invalidate its warranty.
- If any part of the equipment becomes damaged or stops functioning, have it checked by qualified service personnel.

## What the warranty does not cover

- Any product, on which the serial number has been defaced, modified or removed.
- Damage, deterioration or malfunction resulting from:
  - ☐ Accident, misuse, neglect, fire, water, lightning, or other acts of nature, unauthorized product modification, or failure to follow instructions supplied with the product.
  - ☐ Repair or attempted repair by anyone not authorized by us.
  - ☐ Any damage of the product due to shipment.
  - ☐ Removal or installation of the product.
  - ☐ Causes external to the product, such as electric power fluctuation or failure.
  - ☐ Use of supplies or parts not meeting our specifications.
  - ☐ Normal wear and tear.
  - ☐ Any other causes which does not relate to a product defect.
- Removal, installation, and set-up service charges.

## Regulatory Notices Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

Any changes or modifications made to this equipment may void the user's authority to operate this equipment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-position or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

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## Unpacking

The equipment comes with the standard parts shown on the package contents. Check and make sure they are included and in good condition. If anything is missing, or damage, contact the supplier immediately.

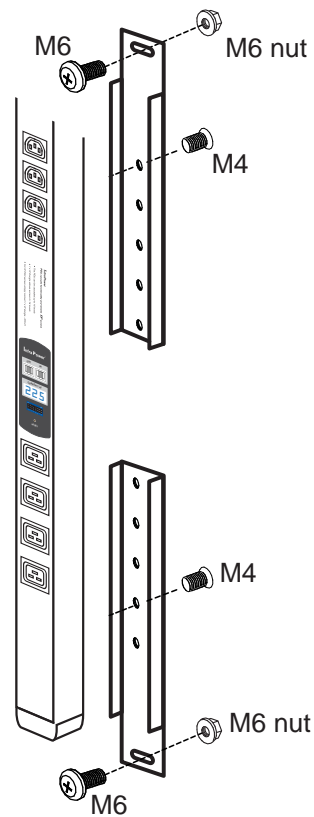
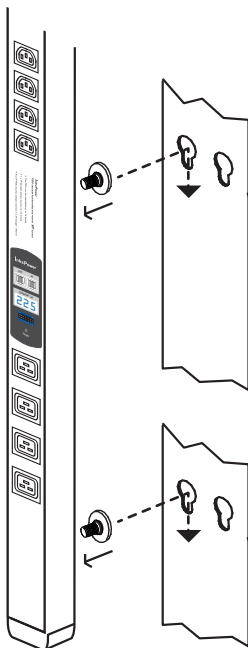
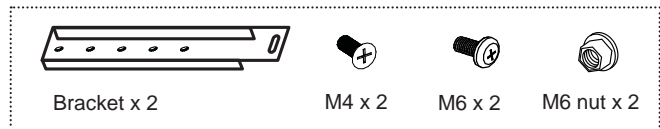
## Package contents

### ( 1 ) Vertical MTS / MT PDU x 1

- **VMS** mounting screw, set of 2 or 3



- **VMB** mounting bracket set



OR

### ( 2 ) Rackmount MTS / MT PDU x 1

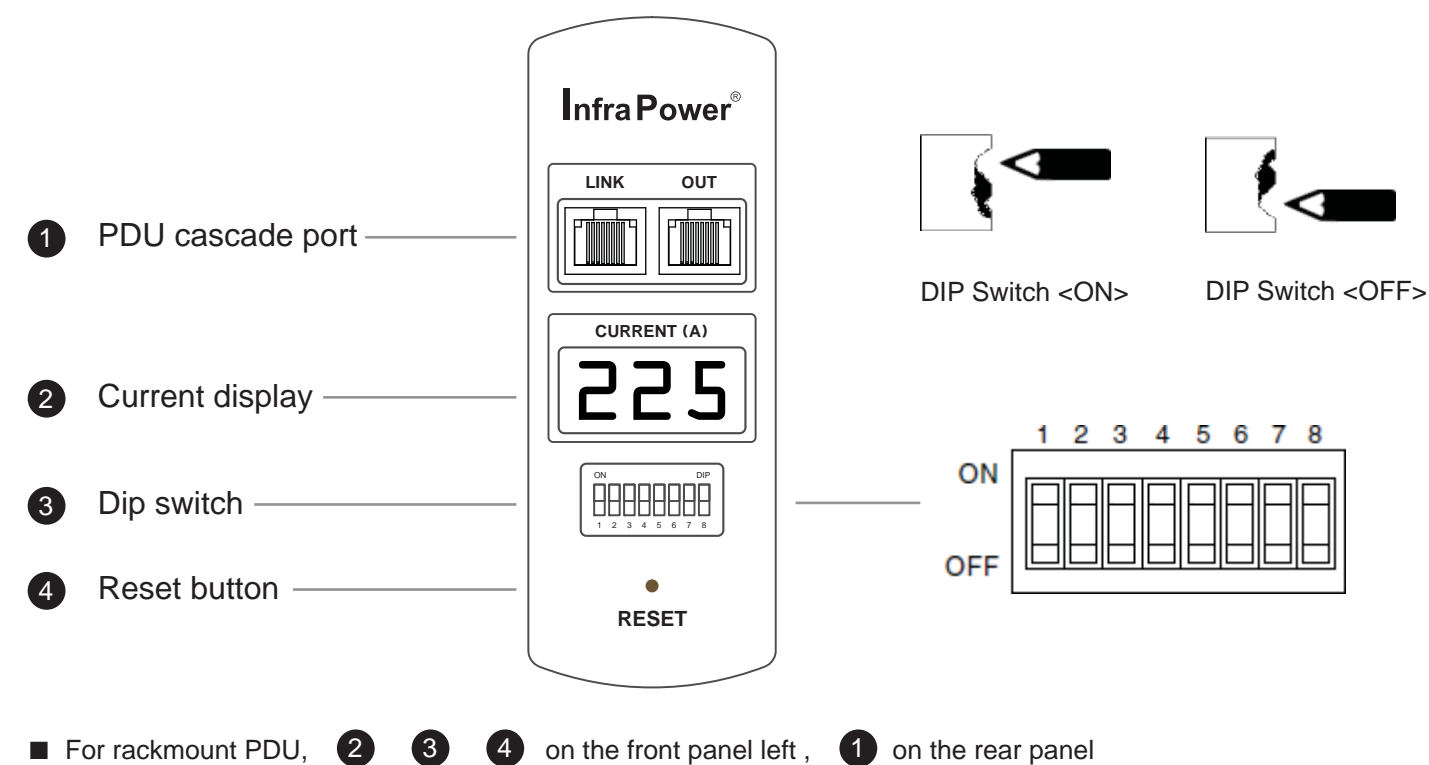
## Power ON

- Connect the PDU into an appropriately rated receptacle
- When the PDU is power on, the LED display will light up. That means all outlets are activated
- Keep the equipments in the power off position until it is plugged into the PDU



Don't exceed the outlet, branch or phase limitations

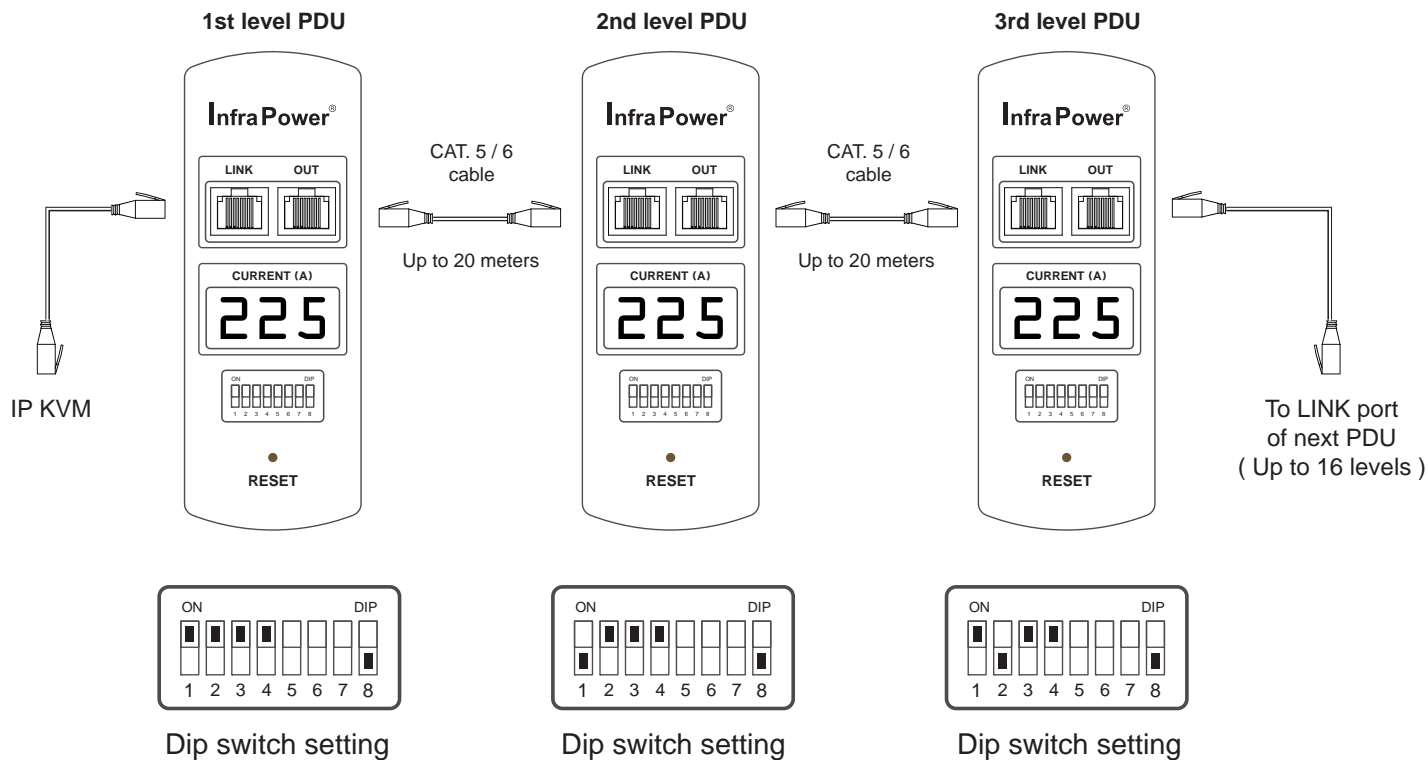
< 1.1 > PDU meter setting & cascade



Cascaded PDUs setting

Using the **dip switch no. 1, 2, 3, 4 & 8** to setup each PDU level acording to the table :

Cascaded PDUs	Dip switch no.				
	1	2	3	4	8
1st PDU	On	On	On	On	Off
2nd PDU	Off	On	On	On	Off
3rd PDU	On	Off	On	On	Off
4th PDU	Off	Off	On	On	Off
5th PDU	On	On	Off	On	Off
6th PDU	Off	On	Off	On	Off
7th PDU	On	Off	Off	On	Off
8th PDU	Off	Off	Off	On	Off
9th PDU	On	On	On	Off	Off
10th PDU	Off	On	On	Off	Off
11th PDU	On	Off	On	Off	Off
12th PDU	Off	Off	On	Off	Off
13th PDU	On	On	Off	Off	Off
14th PDU	Off	On	Off	Off	Off
15th PDU	On	Off	Off	Off	Off
16th PDU	Off	Off	Off	Off	Off



## Meter display setting

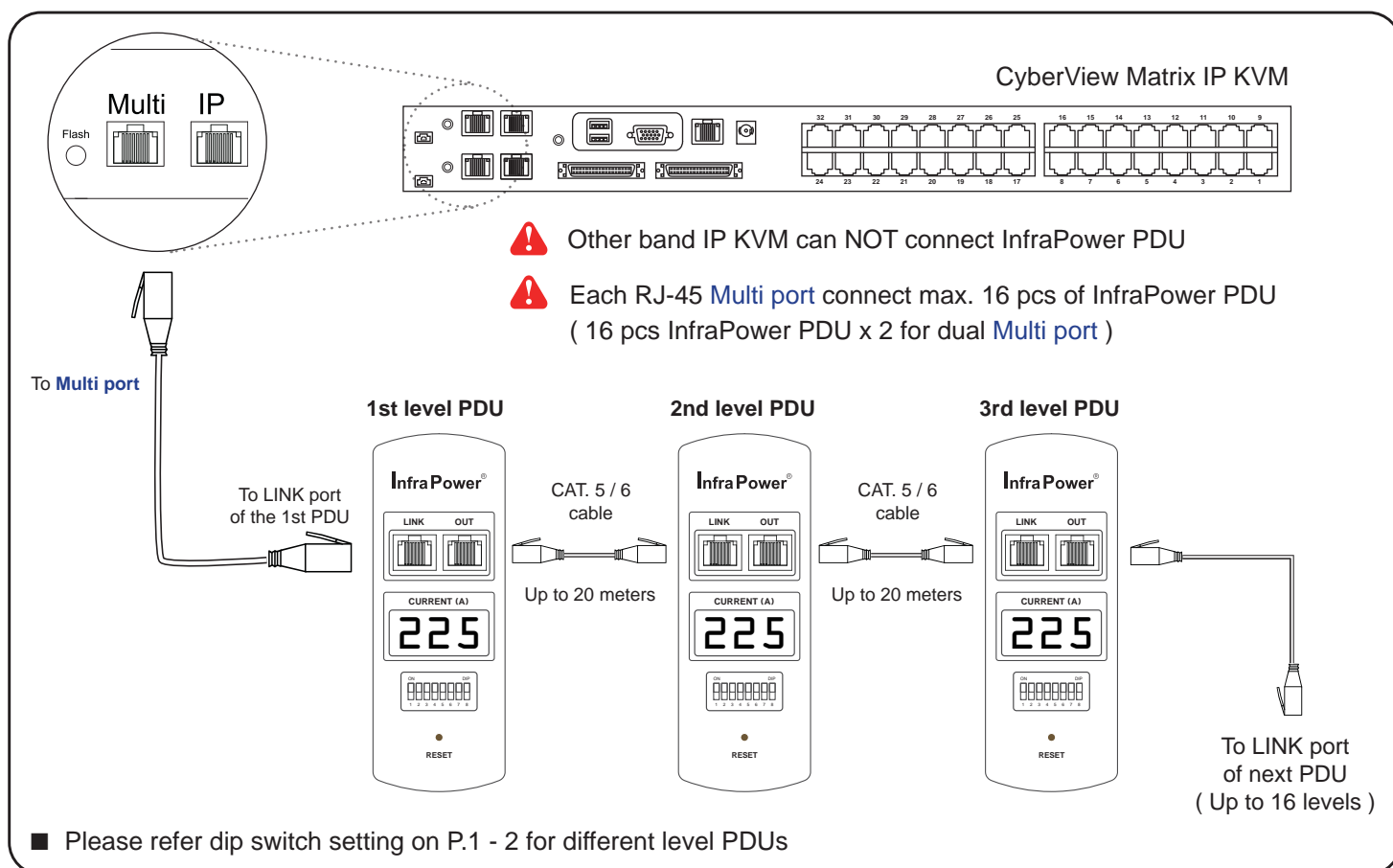
Using the **dip switch no. 5 & 7** to setup each PDU meter display as below :

Current display	Dip switch no.	
	5	7
Circuit A + Circuit B	Off	Off
Circuit A only	On	Off
Circuit B only	On	On

## Audio alarm

Using the **dip switch no. 6** to setup each PDU audio alarm as below :

	Dip switch 6
Enable	Off
Disable	On



For details, please visit the link below :

[www.austin-hughes.com/support/usermanual/infrapower/UM-IPS-01.pdf](http://www.austin-hughes.com/support/usermanual/infrapower/UM-IPS-01.pdf)

## CyberView™ IP KVM list :

Model No.	No. of Combo KVM port	No. of IP port ( come with 1 x Multi port )
Combo Cat6 KVM		
UIP-802	8-port	1
UIP-1602	16-port	1
UIP-3202	32-port	1
Combo DB-15 KVM		
IP-802	8-port	1
IP-1602	16-port	1
USB Hub DB-15 KVM		
IP-802H	8-port	1
IP-1602H	16-port	1
Matrix Cat6 KVM		
MU-IP1613	16-port	1
MU-IP1624		2 ( dual )
MU-IP3213	32-port	1
MU-IP3224		2 ( dual )
Matrix DB-15 KVM		
M-IP813	8-port	1
M-IP824		2 ( dual )
M-IP1613	16-port	1
M-IP1624		2 ( dual )

## < 2.2 > IPS-01, free PDU management software, specially designed for IP KVM

CyberView IP KVM allows the user to manage servers & PDUs together.



Web-Based GUI (IPS-01) is applicable to the CyberView Connection only.  
No software application required to be installed on the PC.



Skip the above step if the IP KVM has been already login

**Authenticate Username and Password !**

Username

Password

**Login**

**Step 1.** Open Internet Explorer ( I.E. ), version 6.0 or above

**Step 2.** Enter the IP KVM address into the address bar

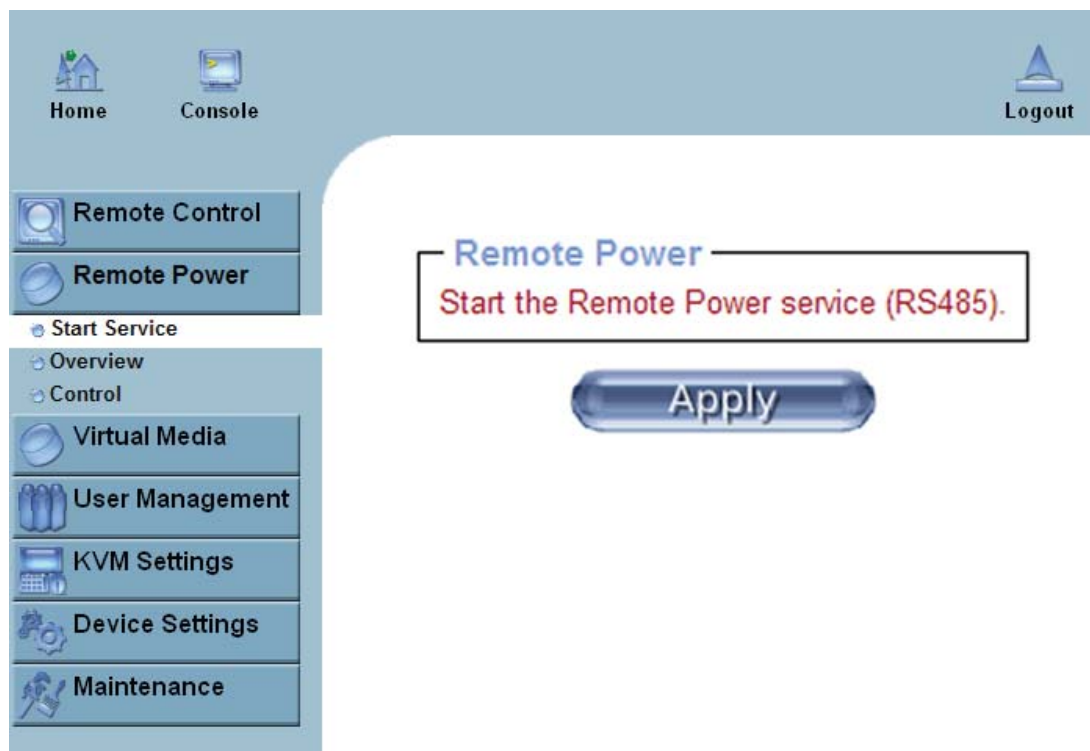
- For Single IP KVM model, such as  
UIP-1602 - <http://192.168.1.22>
- For Dual IP KVM model, such as  
MU-IP3224 - <http://192.168.1.22> ( for 1st IP ) &  
<http://192.168.1.23> ( for 2nd IP )

**Step 3.** Enter username ( default is super ) &  
password ( default is pass )



The setting is enough for intranet. If the users access KVM GUI via internet, please ask MIS for assistance and download IP KVM user manual from the link :  
[www.austin-hughes.com/support/usermanual/cyberview/UM-CV-IP.pdf](http://www.austin-hughes.com/support/usermanual/cyberview/UM-CV-IP.pdf)

To access the PDU GUI, please select **Remote Power > Start Service > Apply**



## < Overview >

- Aggregate current on the PDU
- Status of all connected PDUs
- Latest loading on each circuit of PDU
- Alarm threshold setup

- Data refresh every 10 seconds
- Disable **Refresh** during data input

PDU Overview

Auto Refresh ☐

Level	Model	Enclosure	Status	Total Load	Circuit A Max	Load	Alarm	Circuit B Max	Load	Alarm
1	V16C13-16A-MT	New_location	Normal	00.0 A	16.0 A	00.0 A	13 A	-- A	-- A	<input type="checkbox"/> A
2	V16C13-16A-MT	New_location	Normal	00.0 A	16.0 A	00.0 A	13 A	-- A	-- A	<input type="checkbox"/> A
3	V16C13-16A-MT	New_location	Normal	00.0 A	16.0 A	00.0 A	13 A	-- A	-- A	<input type="checkbox"/> A
4	V16C13-16A-MT	New_location	Normal	00.0 A	16.0 A	00.0 A	13 A	-- A	-- A	<input type="checkbox"/> A

Apply

**Apply** : save the changes

## < Control >

- On / Off status of each outlet
- Remote on / off outlet ( MTS switched PDU only )
- Rename outlet device & PDU location

- Data refresh every 10 seconds
- Disable **Refresh** during data input

PDU Control

Level: 9

Enclosure: New\_location

Status: Normal

Loading: 00.0 / 16.0 A(Max.)

Auto Refresh ☐

Outlet	Name	Power	Switch	Outlet	Name	Power	Switch
1	DeviceName_01	ON	<input checked="" type="checkbox"/>	13	DeviceName_13	ON	<input checked="" type="checkbox"/>
2	DeviceName_02	ON	<input checked="" type="checkbox"/>	14	DeviceName_14	ON	<input checked="" type="checkbox"/>
3	DeviceName_03	ON	<input checked="" type="checkbox"/>	15	DeviceName_15	ON	<input checked="" type="checkbox"/>
4	DeviceName_04	ON	<input checked="" type="checkbox"/>	16	DeviceName_16	ON	<input checked="" type="checkbox"/>
5	DeviceName_05	ON	<input checked="" type="checkbox"/>	17	DeviceName_17	ON	<input checked="" type="checkbox"/>
6	DeviceName_06	ON	<input checked="" type="checkbox"/>	18	DeviceName_18	ON	<input checked="" type="checkbox"/>
7	DeviceName_07	ON	<input checked="" type="checkbox"/>	19	DeviceName_19	ON	<input checked="" type="checkbox"/>
8	DeviceName_08	ON	<input checked="" type="checkbox"/>	20	DeviceName_20	ON	<input checked="" type="checkbox"/>
9	DeviceName_09	ON	<input checked="" type="checkbox"/>	21		OFF	<input type="checkbox"/>
10	DeviceName_10	ON	<input checked="" type="checkbox"/>	22		OFF	<input type="checkbox"/>
11	DeviceName_11	ON	<input checked="" type="checkbox"/>	23		OFF	<input type="checkbox"/>
12	DeviceName_12	ON	<input checked="" type="checkbox"/>	24		OFF	<input type="checkbox"/>

View Apply Refresh

**View** : show the specified PDU status ( Select the **PDU Level** > **View** )

**Apply** : save the changes

**Refresh** : refresh the PDU information

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