



# High Amp Switched & Outlet Metered PDU VMR-HD Series



## High Amp Remote Power Reboot with **Per Outlet Metering**

### Remote Power Management:

- Remote Individual or Group Outlet Switching
- On/Off/Reboot/Default/Load Shed Switching
- Outlet Sequencing & Power Up Delays
- Scheduled On/Off/Reboot Switching
- Ping Watchdog with Auto Reboot
- 4 or 8 Switchable IEC C13 Outlets
- User-Defined Power-Up Default Status & Outlet Status Retention

### Metering/Monitoring/Reporting:

- True RMS Current Metering
- Outlet and Group Current Metering, Logging and Alarms
- Reports kWh, kW, Amps, Volts, Temperature
- Plug Current High and Low Alarms
- Over-Temperature Alarms
- Lost Voltage (Line In) Alarm
- Ping-No-Answer Alarm (Failed Ping Command)
- Invalid Access Lockout Alarm
- Power Cycle Alarm
- Circuit Breaker Open Alarm
- No Dialtone Alarm
- Alarm Notification via Email, SNMP, SYSLOG

### In-Band/Out-of-Band Access:

- In-Band: 10/100/1000Base-T Ethernet Port
- Out-of-Band (External Modem Ready)
- Local (RJ45 RS232 SetUp Port)
- Supports Both IPv6 and IPv4

### Security & Authentication:

- HTTPS, SSHv2, SNMPv3
- Transport Layer Security (TLS) v1.2
- IPSec / OpenVPN
- IPtables
- Two-Factor Authentication: RSA® Ready
- AAA: LDAP/Active Directory/Kerberos/RADIUS/TACACS+
- Embedded Validated FIPS 140-2 Cryptographic Module
- Port-Specific Password Protection
- Invalid Access Lockout & Alarm

### Unit Management:

- RESTful Web Services API
- DHCP/FTP/TFTP/SFTP/SCP
- CLI & Web-Based GUI
- Compatible with WMU Enterprise Management Software
- Multiple Concurrent SSHv2 Sessions
- Full MIB Support
- NTP for True Server Sync



Model VMR-HD4D32

VMR-HD Series High Amp Outlet Metered Switched PDUs are specifically designed to provide secure, remote power control, metering and reboot capabilities for high amp devices such as Cisco Catalyst 6500 LAN Switches, Cisco Nexus 7000 Data Center Switches and HP C7000 Blade Servers. There are many products that allow remote power control, but the VMR-HD is the only one that's designed to deliver, switch AND meter high amp power.

The VMR-HD is an efficient, intelligent power management solution that allows control and monitoring of AC power supply to rack mount network elements. A formidable array of security and authentication features ensure that access to your critical network devices remains secure. The VMR-HD can also monitor network elements for status changes, and promptly notify you via SYSLOG, SNMP Trap or email when high current readings, high temperature, lost voltage and other events are detected.

The VMR-HD allows you to enable/disable outlets in remote racks, initiate reboots at branch facilities and check power status at far-away locations; all without leaving your office.

- **C19 Power Outlets for High Amp Applications**
- **Power Switch a Full 20 Amp Load**
- **Minimize Truck Rolls and Service Calls**
- **Serial Ports Pinned for Use with Cisco Roll Cable to Simplify Connection to Cisco Devices**
- **Full MIB Support for Diagnosis, Operation and Configuration via SNMP**
- **Secure, Remote, In-Band/Out-of-Band Management - Safe Access to Network Devices**
- **Audit Trail - Log User Access and Command Activity**
- **Alarm/Event Notification - Discover Minor Problems Fast ... And Correct them before they become Big Problems**

- ✓ 5 Year Warranty
- ✓ Stocked for Same Day Shipments
- ✓ In-House Design & Manufacturing
- ✓ Made In USA

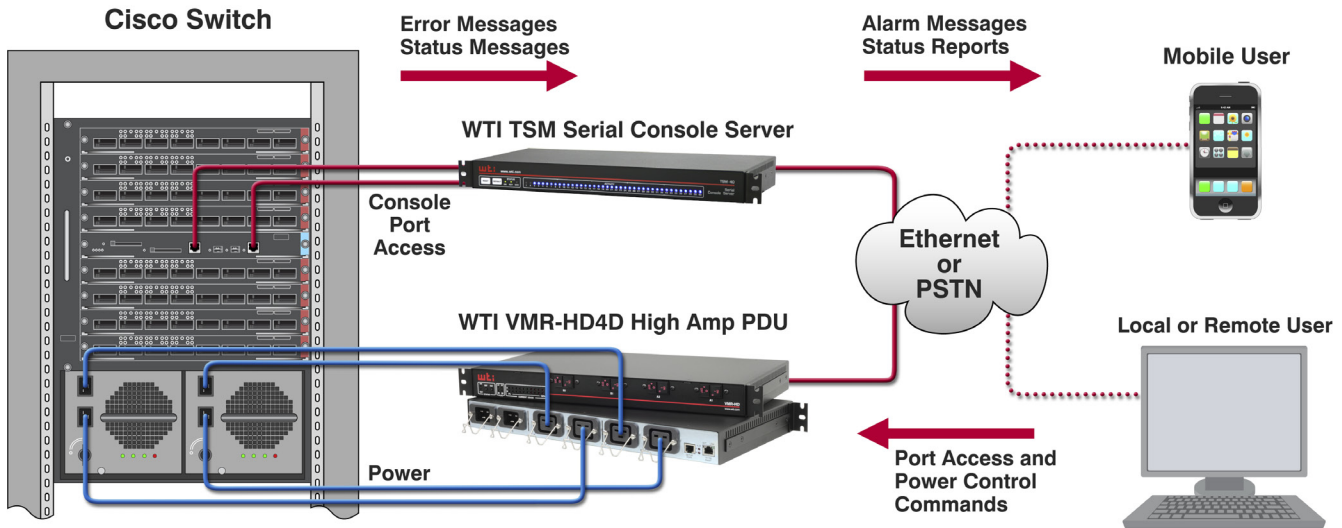


# Outlet Metered High Amp Reboot Switch



# High Amp Switched & Outlet Metered PDU

## VMR-HD Series



Model Number	Outlets	AC Voltage 50/60 Hz	Power Distribution (*80% Derated)	Input Feeds	Power Cords	Circuit Breakers	Dimensions
VMR-HD4D16	(4) IEC 60320 C19	200 to 240V	6.4/7.7 kW	(2) 16 Amp	Detachable**	(4) 16 Amps	W: 19" (48.3 cm) D: 8.7" (22.1 cm) H: 1.75" (4.5 cm) (1 U)
VMR-HD4D20		100 to 240V	3.2/7.7 kW*	(2) 20 Amp	Detachable**	(4) 20 Amps	
VMR-HD4D30		200 to 240V	9.6/12 kW*	(2) 30 Amp	NEMA L6-30P (10 ft)	(4) 20 Amps	
VMR-HD4D32		200 to 240V	12.8/15.4 kW	(2) 32 Amp	IEC 60309 (Commando) (10 ft)	(4) 16 Amps	
VMR-HD4D30-8	(8) IEC 60320 C19	200 to 240V	19.2/24 kW*	(4) 30 Amp	NEMA L6-30P (10 ft)	(8) 20 Amps	W: 19" (48.3 cm) D: 12.25" (31.1 cm) H: 3.5" (9 cm) (2 U)
VMR-HD4D32-8		200 to 240V	25.6/30.8 kW	(4) 32 Amp	IEC 60309 (Commando) (10 ft)	(8) 16 Amps	

\*\* Sold Separately

<b>Mounting:</b>	Horizontal 1U Models
<b>Shipping Weight:</b>	
<b>Four Outlet Units:</b>	11 to 25 lbs. (5 to 11.3 Kg)
<b>Eight Outlet Units:</b>	23 to 40 lbs. (10.4 to 18.1 Kg)
<b>Operating Temp:</b>	32°F - 122°F (0°C - 50°C)
<b>Humidity:</b>	10 - 90% RH
<b>Ethernet Port:</b>	10/100/1000 BaseT
<b>Console Port:</b>	RJ45, RS232C
<b>Approvals:</b>	FCC, UL, CE (230V units)

### WMU Enterprise Management Utility

- Easily discover all WTI devices by a specific IP or IP range
- Quickly launch SSH sessions to critical equipment
- Reboot troubled routers and other network gear
- Edit WTI usernames & passwords
- Search for devices, outlets, ports or groups across the network
- Assign asset tags to manage and identify WTI inventory
- Manage & upgrade firmware on all WTI devices



# Outlet Metered High Amp Reboot Switch

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VMRHD180306