

# Sentry Commander PT45

## Remote Server Reboot & Serial Console Port Access

### Key Features

- > **SSHv2:** Secure Shell for secure remote terminal.
- > **SSLv3:** Secure Sockets Layer-enabled HTTPS server.
- > **Active Directory w/LDAPv3:** User authentication with LDAPv3 & LDAPS.
- > **Remote Power Management:** Reboot locked-up equipment.
- > **Pass-Thru Console Port Access:** Console port access over IP to remote servers and routers provides universal management for all serial devices in the data center.
- > **Web GUI:** Full configuration and control for grouping and control of outlets, assigning user accounts and configuring network settings.
- > **Secure Out-of-Band:** Optional integrated secure modem provides out-of-band connection and management.
- > **RS-232 Control:** Manage through an existing computer, KVM switch, terminal server or other serial device.
- > **Environmental Monitoring:** Temperature & Humidity, and Water & Cabinet door contact closures (w/ optional add-on).
- > **Rack Space Savings:** 1U
- > **110 VAC & 220 VAC Models**



### Sentry Commander PT45

The Sentry Commander PT45 uniquely combines Remote Power Management and Pass-Thru Console Port Access™ into one enclosure and — distinctively — one interface.

Remote Power Management allows the user to perform a remote server reboot or to bounce the power to another network device. A network manager can power off, power on and reboot network devices from any location via SSL Web, SSH, SNMP, RS-232 or secure out-of-band session.

Pass-Thru Port Access integrates secure, in-band and/or out-of-band serial connections to the console ports of up to 4 inter-networking devices for remote problem determination. The serial console is the only universal out-of-band management media for all the equipment in the data center. Access servers for remote monitoring and communications for applications such as BIOS configuration, boot-prompt level access or remote configuration. Additionally, connect to the configuration port (console or auxiliary port) on network equipment such as routers, switches, hubs and access servers.

The PT45 operates distributed Inline Power Modules (IPM's), which provide four distinct functional advantages:

1. **Independent Power:** One-to-one ratio between power input, IPM & device eliminates single point-of-failure.
2. **Greater distance:** Each IPM can be up to 1000' from the PT45 Commander.
3. **Mixed-Amperage:** 10, 20 and 30-Amp IPMs to control both servers & network gear.
4. **Mixed Voltage:** 110 VAC, 230 VAC & -48 VDC IPMs can be controlled from one PT45.

## Model Number and Description

Model#	Voltage	Description
PT45-H404-1-07*	100-120 VAC, 50-60Hz	(4) IPM Ports for Remote Power & (4) Pass-Thru Console Ports (RJ12)
PT45-H404-2-07*	208-240 VAC, 50-60Hz	(4) IPM Ports for Remote Power & (4) Pass-Thru Console Ports (RJ12)
PT45-H808-1-07*	100-120 VAC, 50-60Hz	(8) IPM Ports for Remote Power & (8) Pass-Thru Console Ports (RJ12)
PT45-H808-2-07*	208-240 VAC, 50-60Hz	(8) IPM Ports for Remote Power & (8) Pass-Thru Console Ports (RJ12)
PT45-H016-1-07*	100-120 VAC, 50-60Hz	(16) IPM Ports for Remote Power
PT45-H016-2-07*	208-240 VAC, 50-60Hz	(16) IPM Ports for Remote Power
<b>*Option C</b>	Each PT45 can have a Global Secure Modem 56Kbps added.	
<b>IPM3-R-3</b>	10-Amp, 100-120 VAC, 50/60Hz	Power Module, In-Line w/Retainer Clip, Always-on, w/6' RJ Signal Cable, UL & CSA Approved
<b>IPM5-R-2</b>	6-Amp, 208-240 VAC, 50/60Hz	Power Module, In-Line w/Retainer Clip, Always-on, w/6' RJ Signal Cable, UL & CSA Approved
<b>PM20-0-1</b>	16-Amp, 100-120 VAC, 50/60Hz	Power Module, In-Line w/Retainer Clip, Always-on, w/6' RJ Signal Cable, UL & CSA Approved
<b>PM20-0-2</b>	16-Amp, 208-240 VAC, 50/60Hz	Power Module, In-Line w/Retainer Clip, Always-on, w/6' RJ Signal Cable, UL & CSA Approved
<b>PM48-0-1</b>	20-Amp, -48 VDC	Power Module, In-Line w/Retainer Clip, Always-on, w/6' RJ Signal Cable, UL & CSA Approved
<b>CAB-1413</b>	RJ12-to-RJ45 Sentry to Cisco/Sun data cable	
<b>CAB-1414</b>	RJ12-to-RJ45 Sentry to Cabletron data cable	
<b>KIT-0002</b>	DB25 M adapter and RJ12-to-RJ12 Straight-thru modular data cable	
<b>EMCU-1-1</b>	Environmental Monitoring Control Unit with (1) Temp & Humidity Probe – 10'	
<b>EMTH-1-1</b>	Temperature & Humidity Probe – 10'	

## Technical Specifications

### Standard Adapter Kit

- > (1) RJ12-to-DB9 Female      > (1) RJ12-to-DB9 Male
- > (1) RJ12-to-DB25 Female    > (1) RJ12-to-DB25 Male
- > (4) RJ12-to-RJ12 (6P6C) Crossover/Rolled Data Cables (7')

### Communications Access

- > RS-232 direct serial connection/External modem
- > Internal Modem 56 Kbps
- > 10/100 BaseT Ethernet TCP/IP
- > Half-duplex/Full-duplex

### Communications Interface

- > Speeds: 1200, 2400, 4800, 9600, 19200, 38400, 57600
- > Pass-Thru Console Ports must be set at the same speed as the Sentry

### Access Security

- > SSH2, SSLv3/TLSv1, MD5, Active Directory w/LDAPv3 & LDAPS
- > 16-character username/password authentication
- > Individual accounts with restricted access rights

### Pass-Thru Console Ports

- > 6-pin RJ12
- 1 = Signal Ground    2 = Device Ready-In/DSR,
- 3 = Data-In/RD        4 = Data-Out/TD,
- 5 = Device Ready-Out    6 = Signal Ground

### User Interface

- > Command Line Interface and HTML GUI for power management and configuration
- > Telnet/ANSI/VT 100 Terminal Emulation for command-line and Pass-Thru

### Conformance & Agency Approvals

- > US & Canada (cTUVus mark) to UL 60950-1:2003 and CAN/CSA 22.2 No. 60950-1-03
- > European Union (TUVGS mark) to EN 60950-1:2001
- > FCC Class A, Part 15
- > CE
- > EMC - EN 55022 Class A, EN 55024

### Dimensions

- > 1.75" H (1U) x 17.2" W x 8" D



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