

# Sentry Commander PT40

## Key Features

- > **SSHv2:** Secure Shell for secure remote terminal.
- > **SSLv3:** Secure Sockets Layer-enabled HTTPS server.
- > **Active Directory w/LDAPv3:** User authentication with LDAPv3.
- > **Remote Power Management:** Reboot locked-up equipment.
- > **TCP/IP Control:** 10/100 Base-T Ethernet via SSH, SSL, SNMP, HTTP/HTTPS and Telnet.
- > **Web GUI:** Full configuration and control for grouping and control of outlets, assigning user accounts and configuring network settings.
- > **Input Current Monitor:** Aggregate load on the power circuit is displayed via the interface.
- > **Environmental Monitoring:** Temperature, Relative Humidity, Water & Cabinet door contact closures (w/ optional add-on).
- > **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.
- > **Multiple Concurrent Users:** Allow multiple users concurrent access to each PT40 and control their designated power outlets and ports.
- > **Programmable Outlet Receptacle Names:** Uniquely identify each server or other device by IP address or other device by IP address or serial number — up to 24-char.
- > **RS-232 Control:** Manage through an existing computer, KVM switch, terminal server or other serial device.
- > **Rack Space Savings:** 1U
- > **Enterprise View:** Enterprise Mgt.
- > **110 VAC & 220 VAC Models**

## Power & Serial Console Access for Equipment in the Remote Branch Office



### Sentry Commander PT40

As enterprises increase the ratio of servers and network gear to IT and network administration, the ability to access, control and fix problems associated with remote IT equipment significantly increases. Enterprises with remote branch offices and customer premises equipment (CPE) have an even greater need for remote BIOS-level access and the ability to reboot each device.

The Sentry Commander PT40 uniquely combines Remote Power Management and Pass-Thru Console Port Access™ into one enclosure and, uniquely, one interface. Pass-Thru Console Port Access integrates secure, in-band and/or out-of-band asynchronous communications for serial connections to remote devices' console ports for remote problem determination. Additionally, Pass-Thru Console Port Access can eliminate multiple modems and dial-up lines, or the need for a more costly terminal server.

Remote Power Management of the PT40's power receptacles allows a network manager to power off/on or reboot network equipment from any location via secure Web, SSH, SNMP or secure out-of-band session. The network operations center eliminates the need to dispatch field service personnel for manual intervention. Using the PT40, they can quickly restart locked-up remote servers and internetworking devices to ensure that the network is fully operational around the clock.

An additional benefit of the PT40 is a PING command from the "Sentry:" command prompt that is available through telnet, modem, and serial (RS-232) console sessions. This PING command is useful for basic network diagnostics, such as determining whether network link integrity exists, or whether another device on the local or remote network is responsive.

The PT40 is ideal for servers and routers in remote branch offices, providing access to both reboot a remote server or router and connect to its console port to monitor the boot-up process and ensure it returns to an operational state.



## Item Number and Description

Item#	Description
PT40-H404-1-02	100-120 VAC, 50/60Hz
PT40-H404-2-02	208-240 VAC, 50/60Hz
Option C-HPT	Global Secure Modem 56Kbps
CAB-1413	RJ12-to-RJ45 Sentry to Cisco/Sun data cable
CAB-1414	RJ12-to-RJ45 Sentry to Cabletron data cable
Kit-0002	DB25 M adapter and RJ12-to-RJ12 Straight thru modular data cable
EMCU-1-1	Environmental Monitoring Control Unit with (1) Temp & Humidity Probe – 10'
EMTH-1-1	Temperature & Humidity Probe – 10'
EMWS-1-1	Water Sensor Probe – 15'

## Technical Specifications

### Description

- > (4) Remotely Managed receptacles
- > (4) Pass-Thru Console Ports (RJ12)
- > 20-Amp Max Line Current
- > NEMA 5-20R Ports

### Access Security

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

### 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

### 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

### Dimensions

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

### Warranty

- > 2 year



## Server Technology

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