

Sentry Intelligent Power Module-2

CW-2H (IPM-2)

Key Features

- > **SSHv2:** Secure Shell for secure remote terminal
- > **SSLv3:** Secure Sockets Layer-enabled HTTPS server
- > **Active Directory w/LDAPv3:** User authentication with LDAPS
- > **Remote Power Manager:** Reboot locked-up servers and network gear
- > **IP Control:** 10/100 Base-T Ethernet for HTTP/HTTPS, SSH, Telnet and SNMP access
- > **Web GUI:** Full configuration & control for grouping and control of outlets, assigning user accounts and configuring network settings
- > **Environmental Monitoring:** Each IPM-2 supports two temperature & humidity probes and reports conditions thru the Web interface. Generate alarms when conditions exceed defined thresholds
- > **Multiple Concurrent Users:** Allow multiple users concurrent access to each IPM-2. Each user has access to control his designated power outlets.
- > **Programmable 24-Character Outlet Receptacle Names:** Uniquely identify each server or other device by IP address or serial number
- > **RS-232 Control:** Manage the IPM-2 units via an existing computer, KVM switch, terminal server or serial device
- > **1U Rack Space Savings**
- > **110V and 220 VAC Models**



Network Power Management for Remote Branch Offices and Wi-Fi Equipment

As enterprises and service providers increase the amount of servers and network gear in remote locations, the ability to hands-on manage each device becomes increasingly complex. The amount of equipment, the distance between each field site and the ongoing constraints of the number of available personnel make this challenge even more difficult. The number one priority in managing each individual device is to ensure that each element is operational -- that is, up and running.

Two common examples where managing remote equipment are critical to their organization's business are: 1) Remote branch offices with IT & network equipment placed at each locations, and 2) Wi-Fi networks that encompass many pieces of individual equipment at numerous locations. In either case, the amount of equipment on the network(s) far outnumbers the amount of IT/equipment maintenance personnel. Their first priority is to keep the network(s) up and running. In order to do so, they require solutions that allow them to be able to remotely restore locked-up or failing equipment, whether it is a router, server or PC at a remote branch office, or an access point or router at one of its Wi Fi Hot Spots.

The Sentry Intelligent Power Module-2 (IPM2) provides remote power management via IP for up to two (2) servers or other devices in a remote location.

Remote Power Management of the IPM-2's individual receptacles allows a network manager to power off, power on and reboot network devices from any location via secure web interface, SSH. Now the network operations center can eliminate dispatching a field service person for manual intervention. Using a Sentry IPM-2 they can quickly restart locked-up remote servers and internetworking devices to ensure that the network is fully operational around the clock.

Model	Available Input Voltages	Amperage	Available Input Cord	Outlets	Dimensions (L x W x D)
CW-2H1-C20 (IPM-2)	100-120V 50/60Hz	16A	IEC 60320/C20 Power Inlet	(2) NEMA 5-20R	6.0 x 1.75 x 5.5 in. (153 x 44 x 140mm)
CW-2H2-C20 (IPM-2)	208-240V 50/60Hz	16A	IEC 60320/C20 Power Inlet	(2) IEC 60320/C13	6.0 x 1.75 x 5.5 in. (153 x 44 x 140mm)

Additional Features and Technical Specifications

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 to EN 55022 Class A, EN 55024, CISPR 22 Class A

Communications and Security

- > 10/100 BaseT Ethernet
- > HTTP/HTTPS
- > SSLv3/TLSv1
- > SNMPv2
- > SSHv2
- > Telnet
- > LDAPv3
- > LDAPS
- > TACACS+
- > RADIUS
- > RS-232 (Serial)

User Interface

- > Command Line Interface and HTML GUI for power management and configuration

Accessories

- > Optional Temperature & Humidity Probe
 - EMTH-1-1 Temperature & Humidity Probe, 10ft (3m)

Power Cord Options

- > PTCORD-1 IEC 60320/C19 - NEMA L6-20P , 10ft (3m)
- > PTCORD-2 IEC 60320/C19 - Schuko 10ft (3m)
- > PTCORD-3 IEC 60320/C19 - IEC 60309 (BS4343, CEE17) 16/20A Blue (UK Commando) 10ft (3m)
- > PTCORD-4 IEC 60320/C19 - BS1363 13A (UK) 10ft (3m)
- > PTCORD-5 IEC 60320/C19 - 5-15P (15A Straight-Blade) 10ft (3m)
- > PTCORD-6 IEC 60320/C19 - 5-20P (20A Straight-Blade) 10ft (3m)
- > PTCORD-7 IEC 60320/C19 - L5-20P (20A Twist-Lock) 10ft (3m)

Warranty

- > 2 years



CW-2H Rear View: network, serial, and temperature/humidity inputs



CW-2H1-C20 with NEMA 5-20R Outlets



Server Technology

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