



netCommander™ NPC-88/NPC-88G2 /NPC-8801

Remote Power Reboot Management & RS-232 Console Multiplex system

- 8 User Console Ports
- 8 Power Outlets
- Current Draw Monitor
- Access IP Filtering
- Telnet
- Web Browsing
- Email interacting
- SNMP/Trap
- Auto Ping & Reboot
- Modem Interface
- Security
- Local control



NPC-88/NPC-88G2/NPC-8801 are integrated with remote power reboot, AC current monitoring (optional) and RS-232 serial console access management system. It makes your system development and diagnosis job much easier.

RS-232 Server - Transparently transmitting data bi-directionally, a user device can be connected to one of eight serial ports from your equipment via TCP/IP networks. Tenet or local Terminal (via Master Serial Port).

Power Reboot - The eight power outlets are fully controlled via Telnet, Web, SNMP, emailing, local or via external Modem. The AutoPing feature enables the device to constantly monitor an IP address for a remote system and executes power reboot whenever the system is down. Each outlet has its own thread of AutoPing operation. In addition, each power outlet can be programmed to turn on/off periodically or be scheduled per calendar and clock.

Current Draw Monitoring (Optional) - It constantly collects aggregated True RMS current data from all power outlets. The current status is viewed from a web browser, Telnet terminals or SNMP object viewer. Alarm messages and TRAP messages will be sent or logged to a local file on the unit, if current draw passes user defined threshold.

Security - Accessing the system is password protected at Administration level or user privilege levels. Network security includes user name and password authentication (64-bit encryption algorithm) for Web access or sending emails. NPC-88/NPC-88G2/NPC-8801 offers the most versatile access control methods in the industry for easy, quick and reliable operations.

Features:

- Durable Standard 19"/1U shelf chassis, 6" in depth.
- Handles large current equipment up to 15A @120VAC, 13A/@220 VAC. For G2 version, up to 30A@120VAC, or 20A@220VAC.
- **8 power outlets and 8 RS232** user console ports. Each power outlet and each console port is user name password protected.
- One RS232 Master Service port and one 10 base-T RJ45 Ethernet port.
- **Current Draw Monitoring** (Optional) for user to view AC current draw from all power outlets. It includes settings for user defined alarm threshold, alarm methods (Emails, TRAP, data log) and alarm message sending intervals.
- **Event timers** for each power outlet so that an outlet is capable of executing recycling power with desired calendar date, real-time clock, and period or duty cycle.
- Access IP filtering and blocking. Only specific or a group of IP addresses allowed.
- **Telnet** accessibility. Menu driven or command-in-line configuration setup.
- Embedded **Web server** for user to easily change settings, view or alter system status.
- Integrated **SNMP** agent and **Trap** notification capability.
- **POP3/SMTP** for sending and receiving emails. Via **Emails**, users are able to send commands, such as power reboot, or interact with user equipment.
- **Dial-up modem** connection via local serial port.
- **Administration and User level name and password** protection, including user name and password authentication (64-bit encryption algorithm) for Web access or email sending.



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System Specifications

Item	NPC-8801 with AC Current Monitoring	NPC-88	NPC-88G2
Power Input	15 Amps Max @ 120VAC 10 Amps Max @ 220VAC	15 Amps Max @ 120VAC 10 Amps Max @ 220VAC	30 Amps Max @ 120VAC 20 Amps Max @ 220VAC
Voltage Range	100 – 240 VAC		
Power Connector	1 Power Cord	1 Power Cord	2 Power Cords
AC Output Outlet	8	8	8
AC Current Draw Monitoring	Aggregated True RMS current from all circuits.	None	None
Outlet Type	NEMA 5-15		
Total Load (Combine all AC outlets)	15 Amps Max @ 120VAC 10 Amps Max @ 220VAC	15 Amps Max @ 120VAC 10 Amps Max @ 220VAC	30 Amps Max @ 120VAC 20 Amps Max @ 220VAC
Physical Dimensions	19" X 1.6" X 6.25" (19"-1U)		
Console Interface – Local Master Port	1 RS232 Port. RJ-45 Connector type. Data: 7 or 8 bits. Stop Bits: 1 or 2. Parity: None, Odd or Even. Flow Control: None or RTS/CTS. Baud Rate: 2400 to 115200.		
Console Interface – User Console Ports	8 RS232 Ports. RJ-45 Connector type. Data: 7 or 8 bits. Stop Bits: 1 or 2. Parity: None, Odd or Even. Flow Control: None or RTS/CTS. Baud Rate: 2400 to 115200.		
Network Interface	10 Based T. RJ45.		
Network Protocols	ICMP, IP, TCP, DHCP, Telnet, DNS, POP3/SMTP, SNMP, HTTP, and BootP.		
LED	8 user console port LEDs, 8Power outlet On/Off status LEDs, 1 Power On/Off LED. 2 Network LEDs.		
Weight	7 lbs. Shipping Weight.	7 lbs. Shipping Weight.	8 lbs. Shipping Weight.
Operational Temperature Environment	-13F° – 122F° (-25C° – 50C°)		
Humidity	10 – 90% RH		
Storage Temperature	-22F° – 140F° (-30C° – 60C°)		
Safety and EMI Compliance	TUV(US) UL-60950 and FCC Class B. File No. 0749447.01		