

# PowerShield®

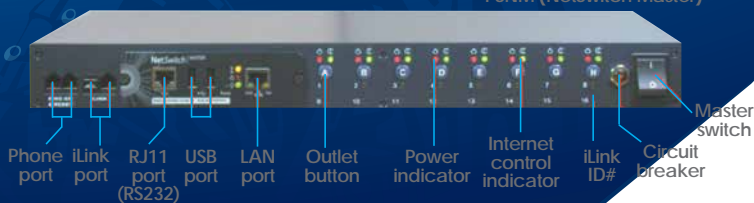


The PowerShield NetSwitch Master is an Internet ready device designed to allow administrators to remotely and individually control the AC power for up to eight connected devices, such as: servers, routers, modems and telephone networks. Moreover, the user is able to pre-configure to turn on/off specific outlets when a UPS or NetFeeler II event occurs or resolved. With the expandable function of allowing daisy chaining (cascading) of up to 16 client units, administrators can control a total of 128 devices.

NetSwitch Master offers easy set up and user-friendly communication and control methods. The most common connection of all, is via the LAN, using a normal Ethernet connection. Once connected and properly set up, the administrator will be notified of a web IP address and the administrator can manage the power of the devices from anywhere in the world via the web browser.

The superiority of the NetSwitch Master over other power management products is NetSwitch Master gives you control through a telephone (tone signals) with no need of a modem connection. So even if networks lock up or Internet crashes, there is always a back up telephone control option for administrators to control devices. With such powerful features, administrators can be sure that they will always gain access to their devices no matter where they are in the world.

PSNM (NetSwitch Master)



## NetSwitch Master

Remote Power Manager

### features

- Turn on/off/reset any or all NetSwitch outlets via network GUI, phone or manually on-site.
- Equipped with master switch and protected by circuit breaker.
- Daisy-chain 16 units to control a total of 128 outlets.
- Set sequential or scheduled power on/off/reset to each outlet.
- Connect compatible UPS for real-time remote monitoring, management & control and perform UPS self tests.
- Add on NetFeeler II to monitor temperature, humidity, water ingress, smoke, PIR, security and other RF sensors.
- Turn on/off outlet when a UPS or NetFeeler II event occurs or is resolved.
- Perform safe shutdown to allow software time to save & exit with safe reboot to avoid overloading mains.
- Event notification via e-mail, SMS or trap.
- Add IP address mask to prevent unauthorised access to GUI.
- Support USB Wifi 802.11 b/g and USB flash disk.
- Centralised authentication by Radius.
- Support advance encryption: HTTPS, SSL, SSH, SNMPv3.
- Perform multiple PC shutdown using ClientMate when AC fails or battery low.
- Available in 240Vac.



PSNM Rear View

THE AUSTRALIAN UPS COMPANY



## NetSwitch Remote Power Manager

### NETWORK CARD INTERFACE

MODEL	PSNM (NetSwitch Master)	PSNS (NetSwitch Slave)
Multi-language	YES	Not available
LAN protocol	TCP/IP, HTTP, HTTPS, SSL, SSH, SMTP, SNMP, DHCP, Telnet, BOOTP, DNS, DDNS, PPPoE, RADIUS, IPv4, IPv6	Not available
MIB	PPC MIB, RFC1628, SNMPv1, SNMPv2, SNMPv3	Not available
UPS supported protocol	MegaTec	Not available

### NETWORK SWITCH INTERFACE

Phone line interface	1 x line-in & 1 x line-out	
iLink cascade interface	1 x input & 1 x output	
Environment (ENV) interface	1 x RJ11 (RS232) connects NetFeeler II for temperature, humidity, smoke, security sensor, RF sensor, etc	Not available
USB interface	2 x USB ports connect USB WiFi/Flash disk/GPRS modem, USB Type A to Type B/USB to DB9 (pin 235/679): connects to UPS	Not available
LAN interface	1 x RJ45, 10/100 Mbps UTP	Not available
RS232 interface	Includes USB to RS232 converter cable (M2905) compatible with Centurion RT and Commander RT	1 x DB9 DB9 to DB9 (pin 235/679): connects NetAgent II (models BT505/BT506) or NetAgent9 (models BX505/BX506)
Windows NT ports	8 x RJ11 ports for Windows safe shutdown	
Power button	1 x master switch and 8 x tactile buttons (one for each outlet)	

### LED INDICATORS

Outlet power indicator	8 x red LEDs indicate outlets on/off	
Internet control indicator	8 x green LEDs indicate outlets internet/non-internet controllable (long press individual button to toggle internet control mode)	
iLink cascade ID#	16 x yellow LEDs indicate the iLink cascade ID#	

### OPERATION & ENVIRONMENT

Nominal input	240Vac	
Output socket	8 x IEC320R	
Input socket	1 x IEC320P	
Input voltage range	85Vac to 260Vac	
Nominal input frequency	50 Hz	
Maximum output	10 Amps	
Input protection	10 Amp circuit breaker, press to reset	
Operating temperature	0 - 60 degrees Celsius	
Relative humidity	0-95% non-condensing	
Dimensions	38 x 432 x 150mm	
Net weight	2.5kg	

\* Product specifications are subject to change without further notice

## Network diagram

