

Remote Access

The system uses port forwarding for remote access.

HTTP port: 80
Telnet Port: 23

It is best to change these ports from the default to start port forwarding process.

Dynamic DNS:
If you do not have a static public IP address, setting up Dynamic DNS is the best option for stable remote connections

Default Reset

Reset options below will require a push pin or a small

Reset options for (B) models:

Default Reset - Hold the rst pin for 3 seconds and release.
Network Reset - Hold the rst pin for 8 seconds and release.
Enable DHCP - Hold the rst pin for 20 seconds and release.

Reset options for (U) models:

Network Reset - Hold the rst pin for 3 seconds and release.
Default Reset - Hold the rst pin for 10 seconds and release.

The system is shipped with default settings.

Local Master Serial Port:	Networking:
Baud Rate - 9600	IP - 192.168.1.100
Data Bits - 8	Mask - 255.255.0.0
Parity - None	GW - 192.168.1.1
Stop Bits - 1	
Hardware Handshaking - None	

Account Info:
User: admin
Pass: admin

All existing user accounts are erased if the system is recovered to the default settings.

Support

Responsible Customer Service

Visit our contact page to send us an email for any questions or concerns.
www.synaccess-net.com/contact-us/

Give Us a Call

We are available on for phone support during business hours, if you have any questions please give us a call.

Anything You Can Think Of

Have a special need that we haven't addressed? - We can help. Give us a call we'll help you find a solution.

Have More Questions?
Tel: 928-257-1838

Or Visit www.synaccess-net.com/contact-us/

Power Management Solutions

Quick Startup Reference Guide

How to connect:

Setup PC network to connect

The PC needs to be on the same network to connect to the unit, if you have not done so, change your PC network info to be on the same network.

1) Use a straight-thru ethernet cable connected to network equipment.

Connect to the default static IP by entering 192.168.1.100 into the URL field of your web browser. If connection is successful you will receive a login prompt, enter admin/admin for username/password.

2) Use a crossover ethernet cable connected directly to unit.

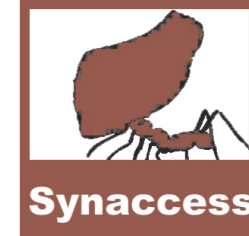
Follow same steps above to connect to unit, if you are connecting directly to the unit from a PC, a crossover cable is needed.

3) Use a serial cable or usb port if equipped.

Connect to the master port with a straight-thru serial cable or the usb port if equipped. Run a terminal program on the PC and type "help" for a list of commands available.

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Default Info Settings

Default Static IP

IP: 192.168.1.100
Mask: 255.255.0.0
GW: 192.168.1.1

Serial Port Settings

Baud: 9600
Data: 8
Parity: None
Stop: 1
Flow: None

User: admin
Pass: admin

User Privilege Levels

Admin Login:
Only one Administration account is allowed on the system. The default name and password may be changed. Admin level is able to remove and change existing user accounts, take over power outlets and change system settings.

User Login:
Users can only operate outlets that are either not reserved or have been reserved to that user and are unable to change sensitive system settings.

Anonymous (Visitor) Access:
Visitor users are only available at serial or telnet command prompt and can view some of the system configuration settings and operate power outlets that are not reserved.

Programming Interfacing

The unit can be managed by using direct serial port, TCP or HTTP interfacing.

*Telnet default port# 23

*HTTP/HTTPS: port# 80/443 (See below)
http://Unit_IP_Addr/cmd.cgi?cmdCode Arg1 Arg2

Command	Code	Arg 1	Arg 2
Set Outlet On/Off	SA3	Port #	V (1=ON, 0=Off)
Reboot	SA4	Port #	NA
Get Outlet Status	SA5	NA	NA
Status Return	SA5	xxxx,cccc,cccc,tt xxxx,cccc,tt Each "x" denotes an outlet state (1=ON, 0=Off) In descending order 5,4,3,2,1 Each "c" denotes AC current draw Each "t" denotes temperature readings	
Set All Outlet On/Off	SA7	V (1=ON, 2=Off)	NA
Return Code	SA0 (OK)	NA	NA
Return Code	SAF (Failed)	NA	NA
Unknown Code	SAF	NA	NA

Example Commands:

http://Unit_IP_Addr/cmd.cgi?\$A5 (Status return cmd)
http://Unit_IP-Addr/cmd.cgi?\$A3 1 0 (Turn outlet 1 OFF)

AutoPing & Power Reboot

Each power outlet can be configured to run AutoPing and reboot. Use the web GUI interface to complete the settings.

Power Outlet Control

Use configuration menus (terminal or web) to setup outlets or use the following commands:

pset n x - turns power outlet on/off ("n" is outlet #, "x" is either 0=Off or 1=ON)
rb n - reboots outlet n
grb n - reboots outlets assigned to group "n"
ps 1 - turns all power outlets on
ps 0 - turns all power outlets off
gps n 0 - turns off all outlets assigned to group n
gps n 1 - turns on outlets assigned to group n.

Power Outlet Manual Switch (If Equipped)

Press the "Power outlet Manual Switch" button located on the front panel. As the button is pressed the outlet LED number will begin to blink, cycle through to "select" the outlet with the LED blinking. Then press and hold the button down for 3 seconds, the outlet selected will change state.

Note: A reserved power outlet can't be manually controlled.

AC Current Draw & Temperature Reading

Use web GUI to change alarm thresholds, notification methods and interval. Use the commands below from telnet/serial terminal to read status:

cs 1 - reads current status
cs 0 - reads current status & clear max value

SMTP & Trap

Enable via the web GUI interface, default community string is "public". To obtain SNMP mib file, download the mib file from the "Network Settings" section of the web GUI near SNMP settings. "Get MIB File"

DHCP

If you need to start the system with DHCP enabled, follow these steps

*Shutdown the system

*Use a pin to press the reset button located on the front panel

*Keep the button pressed while turning the system power on

*Continue holding down the button for 3 seconds after the system powers up, then release

*The system is now set to DHCP (See router DHCP client table for IP address or use serial port)