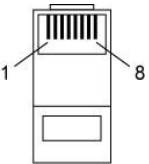


RJ-45 to DB9 Female Conversion Cable

RS-232 — RJ45 (8-pin)
C-RJ45-DB9F-4, RJ-45 to RS232 (Female, DCE) cable, 4'.

RS232 DB9 Female			RJ45 (8-pin)	
Pin #	Signal		Pin #	Signal
1	DCD	1	DSR	
2	TxD	2	RTS	
3	RxD	3	GND	
4	DSR	4	TxD	
5	GND	5	RxD	
6	DTR	6	DCD	
7	CTS	7	CTS	
8	RTS	8	DTR	
9	---			

FAQ:

The system is connected to our local area network. How do I find out the IP address was assigned to the system?

Check your network DHCP server data log to find out the IP. The system has a host name like this: RPB05_AB34, where “RPB05” is the system model #, “AB34” is the last 4 letters from the MAC address.

Also, you can use a serial cable to connect to the system. At your PC terminal, run a serial terminal program (such HyperTerm) and type command “d” to see the network settings.

I need to use static IP address settings for the system. How do I set the static IP network parameters:

The first method is to use a cross-over Ethernet cable to directly connect to the system from your PC. Then use a web browser or Telnet to start to configure the system.

The second method is to use serial connection to configure the system.

2. How do I directly connect the system to my PC by using the network port?

You need to use a Cross-Over Ethernet cable to directly connect the system and your PC. Make sure your PC’s IP network settings have the same settings except for the IP address. Using “PING” command at your PC to verify the IP connection.

I need to use AutoPing/Reboot function to work with my DSL MODEM and Router. My MODEM or Router failed to function but it did not get power reboot. What’s wrong?

First of all, make sure you set the AutoPing destination IP address in the “AutoPing Settings” to an external IP address, such as “10.10.10.10”. Do not use Router or MODEM IP address as your “being PINGed” IP address, because the device might be PING-able, but actually does not work properly.

Secondly, you need to make sure the destination IP address is active. To check it, telnet into the unit and then use command “x 10.10.10.10” to see if it is responsive. If not responsive, Reboot will not be executed. Once the address becomes active and later on it runs into trouble, reboot will be executed.

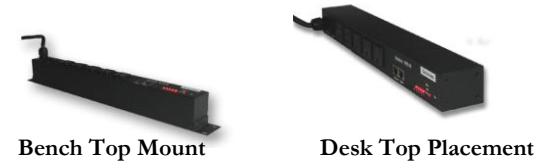
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Synaccess Networks, Inc

QUICK STARTUP REFERENCE

For Sidekick, RPB-05 Part # 3053V1



Bench Top Mount

Desk Top Placement



1-U Rack-mount

Installation:

The unit is shipped with a pair of mounting brackets and a RS-232 RJ-45 to DB9 Female conversion cable. The brackets can be used for rackmount, wall-mount, bench top mount, etc.

How to start:

1) Use a straight Ethernet cable to connect the unit to your network. By default, DHCP is enabled. Fall back static IP address is 192.168.1.100. Use WEB browser or Telnet programs to configure the unit.

If the IP is assigned by your DHCP server, check your server’s client table to find out the IP address assigned to the unit. The unit’s hostname is RPB05_XXXX, where “XXXX” is the last 4 letters of the Ethernet MAC address.

2) Use a crossover Ethernet cable that connects to your PC directly: The static IP address for the unit is 192.168.1.100. Use WEB browser or Telnet program to configure the unit.

4) Use a serial cable (included in the package) to connect the unit and a PC. Run a Terminal Program on the PC to configure the unit.

5) Terminal Command List:

```
d - show system configuration data
g - set Static gateway IP. "g xx.xx.xx.xx"
h - Set IP static/DHCP. "h s"-Static. "h d"-DHCP.
i - set static IP addr. "i xx.xx.xx.xx"
m - set Static network mask. "m xx.xx.xx.xx"
p - set power outlet 'n' On/Off. "p n 1"
r - reboot power outlet 'n'. "r 5"
x - ping a destination IP address
? - show help
q - logout
```

DEFAULT SETTINGS

The system is shipped with Factory Default settings. The default settings for the Local Master serial port are: **9600, 8 data bits, no parity, 1 stop bit, and no hardware handshaking (Flow Control)**. For the Ethernet port, **IP address 192.168.1.100, Submask 255.255.255.0, Gateway 192.168.1.1**. The default Administrator’s login name is **“admin”** and password is **“admin”**.

To restore the system to the Factory Default settings. by pressing a push-button switch located on the front panel for 1 second.

TCP PORT DIRECT INTERFACING

The unit can be easily managed by direct TCP interfacing. The default port number is 23. This method is typically used by custom software.

Note - suggest to disable outlet status change logging, otherwise, the logging table can be easily fill up.

Format: CommandCode,Arg1,Arg2

Command List

Command	Code1 (3 Bytes)	Arg1	Arg2
Login	\$A1	ID	PWD
Logout	\$A2		
Set Outlet	\$A3	n (n-port #)	v (1-ON;2-OFF)
Reboot	\$A4	n (n- port#)	
Get Outlet Status	\$A5		
Status Return	\$A5	xxxxx (Each “x” represents an outlet state. The most right “x” for outlet 1.	
Set All Outlets	\$A7	v (1-ON; 0-OFF)	
Return Code	\$A0 (OK)		
Return Code	\$AF (Failed)		
Unknown Code	No Response		

Examples:

- 1) Reboot outlet 3: \$A4,3 - 5 bytes
Return code: \$A0 - 3 bytes
- 2) Set outlet 2 to ON: \$A3,2,1 - 7 bytes
Return code: \$A0 - 3 bytes
- 3) Get Outlet States: \$A5
Return code: \$A5,11010 - 9 bytes
ASCII String “11010”
[Outlet 5:1]- ON|ON|OFF|ON|OFF

AUTOPING & POWER REBOOT

Use the web interface to configure the AutoPing settings.

Each outlet can be assigned to a destination IP address.

Ping Destination IP Interval (seconds):
The system periodically sends Ping request message. This parameter defines the interval.

PING Failures before Rebooting:
It defines max number of continuous Ping response failures before initiating a Reboot.

Reboot Attempts To Fix Problem:
After a Reboot executed, the remote device still sends no response to Pings, this setting defines the number of attempts to fix the problem.

Reboot Attempts Delay (minutes):
It specifies the interval for the above repeating attempts.

Note – Autoping statistics data is shown on the Operation Status web Page.