

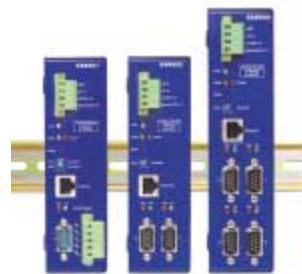
Quick Start Guide

Vlinx Serial Servers

Models: ESP901/902/904
ESR901/902/904



ESP901/902/904



ESR901/902/904

Model	Switch 1	Switch 2	Switch 3
ESP901	Run/console	Run/console	Run/console
ESP902	Run/console	Run/console	Run/console
ESP904	None	None	None
ESR901	Run/console	TB or DB9	None
ESR902	Run/console	None	None
ESR904	Run/console	None	None

NOTE: ESP01/902 must be ALL UP or ALL DOWN.

1 Check Package Content

- ESP901/902/904 or ESR901/902/904 unit
- Printed version of this ESP90x/ESR90x Quick Start Guide
- CD ROM containing software and a comprehensive manual
- Ext power supply (ESP901/902/904 ONLY)

2 Hardware Installation

- Connect an Ethernet cable to the ESP/ESR unit if connecting to a switch or crossover direct to the PC.
- Connect the power supply to the ESP/ESR unit and apply power.

3 Software Installation

- Insert the software CD and it should autostart into the installation wizard.
- Follow the on screen installation wizard to install the Vlinx ESP Manager software.
Note: Be sure you have administrative rights & disable firewalls Windows XP/Vista(see Section 8 also).

4 Configure the ESP/ESR Unit

- Click Start\Programs\B&B Electronics\Vlinx\ESP Servers\Vlinx ESP Manager and it should auto-search for attached ESP901/902/904 or ESR901/902/904 devices on startup.
- Note that the device must reside on the same subnet or it won't be seen by the Vlinx ESP Manager software for first time discovery.
- Use the Vlinx ESP Manager software to configure the unit for network information, serial device configurations, timeouts, etc (double-click on your device in the list).
- Alternative method is to set the dipswitches in console mode and use Hyperterminal set at 9600 and 8-N-1. Use the arrow and <enter> key to configure (requires null modem/cross-over serial cable connected to Port 1). Be sure to set dipswitches back to run mode when done. (Not avail. on ESR904).
- Default password = <blank>
- Reboot as necessary.

5 VCOM Installation

- Click Start\Programs\B&B Electronics\Vlinx\Install Virtual COM
- Search for all devices (must be in same subnet). Type specific IP address otherwise.
- Select your device from list (double click on your device).
- Follow the onscreen instructions and install to a COM number usually 5 or above to limit interference with existing real COM ports.
- Use Hyperterminal to verify you can open your VCOM created.

6 Serial Device Installation

- Connect the serial device to the unit using the correct cabling:
- Straight through serial cable for DCE serial device
 - Null modem (crossover) serial cable for DTE serial device

7 LED Status

LED	STATUS	Function
Power Red	Solid	Power apply
LINK Yellow or Green	Yellow Green Blinking	10BaseT 100BaseT Network data activity
READY Green	Blinking Solid	Ready/normal Bootup/reset/malfunction
Serial (if avail.) Green	OFF Solid Blinking	Port not opened Port opened TX or RX serial data activity
Serial (if avail.) Red	OFF Solid Blinking	Port not opened Port opened RX serial data activity

8 Ports To Open in Firewall

Ports	Function
5300	Heartbeat & configuration setting in TCP mode (i.e. pair tunneling mode)
8888	Vlinx update
8889	Configuration setting in UDP mode
8890	Vlinx monitor
4000/1/2/3	VCOM

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