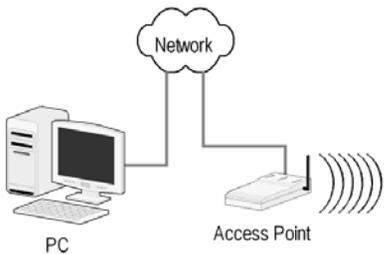


Quick Start Guide

ESR901WB Wireless 802.11b
Serial Server

Model: ESR901WB



1 Configure Web Access

- Infrastructure Mode**
Configure your network using an access point with the SSID - *Connect* and all encryption disabled (such as WEP & WPA).
- Wireless Card Ad-Hoc Mode**
Configure the wireless card to operate in Ad-Hoc mode with the SSID - *Connect*.

2 Setup the Hardware

- Connect your PC to the wireless network
- Connect the antenna to the ESR901WB
- Connect 10 VDC to 30 VDC to the power supply terminals of the ESR901WB
- Connect the ESR901WB serial port to the serial port of your serial device. (Use a null cable if the serial device is a DTE.)

3 Power it up

- Apply power to the ESR901WB
- The Link LED (yellow) will blink while looking for the wireless network. When a connection is established with the network the Link LED will illuminate steadily. The ESR901WB will connect to the SSID *Connect*. If it cannot find an SSID to connect it will connect to the first unsecured network it finds.
- The ESR901WB will automatically try to obtain an IP address through DHCP, or generate one itself

4 Get the IP Address

- Use the discovery software on your CD (finder.exe) to get the IP address for your ESR901WB
- If necessary, change the IP address using the discovery software

5 Login

- In a web browser on your PC, type in the IP address and access the Web Configuration and Management Interface
- Login using the username 'root' and password 'dbps'

6 Configure the ESR901WB

- In the Configuration, Network page configure your Wireless LAN, Security and other settings to work on the type of wireless network you will be connecting to.
- In the Configuration, Serial Ports page select the Port Profile you require for use with your application (E.g. RealPort for virtual COM port, TCP Server, UDP server, Serial Bridge, etc)
- Configure the serial port settings for the selected Port Profile (E.g. In TCP Sockets select client or server, TCP port numbers, etc.) Also configure baud rate, data bits, etc in Basic Serial Settings.
- Configure any required alarms and notification
- If RealPort profile was selected (virtual COM port) do the next step (Set up VCOM)

7 Set up VCOM

- Start the RealPort software wizard (located on the included CD)
- Select Add a New Device
- Select your ESR901WB from the list
- Select an unused COM port number
- Follow the wizard to set up a virtual COM port

8 Operation

- Configure and then start your application

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