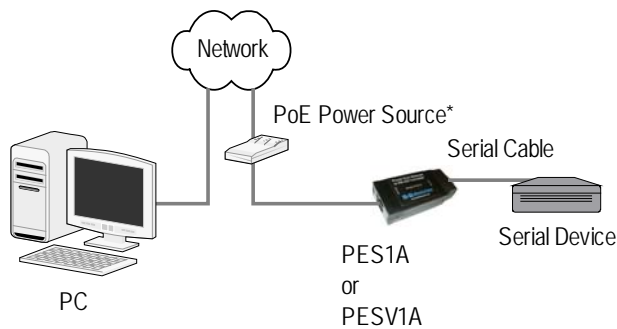


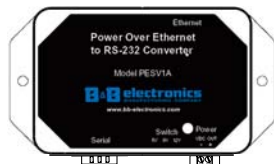
Quick Start Guide

PES1A/PESV1A RS-232 to Ethernet Converters

**Models: PES1A
PESV1A**



* Must be within 100 ft. of the PES1A/PESV1A



1 Check your Package Contents

- The PES1A or PESV1A module
- A printed version of this user manual
- A printed version of the PES1A/PESV1A Quick Start Guide
- CD-ROM disc with discovery software, RealPort software, this manual, Quick Start guide

2 Setup the Hardware

- Connect your PC to the network
- Connect the PES1A/PESV1A serial port to your serial device (Use a serial cable if it is DCE, null modem cable if it is DTE.)
- Connect the PES1A/PESV1A Ethernet connector to a PoE-enabled network switch or hub (CAT-5 cable)

3 Power it up

- Power is applied when the Ethernet (PoE) cable is connected
- When a connection is established with the network the yellow LED will illuminate
- The PES1A/PESV1A will automatically try to obtain an IP address, 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 PES1A/PESV1A

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 PES1A/PESV1A

- 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 PES1A/PESV1A 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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