Overview

The Versa RS-232 zigbee Adapter provides short range wireless connectivity to any RS-232 serial device, with available solutions for both point to point and point-to-multipoint networks. Unlike an embedded wireless Module, which requires design integration and development time, these Off-the-shelf adapters provides instant wireless connectivity to existing RS-232 serial devices.

Power options

This product can be powered by a 5-12VDC external power supply or by the host terminal unit to which the module is connected. In this case the power is supplied through the 9 pin D connector.
The module at the PC end will always require external power supply. In case of USB board, the power is derived from the PC.

Connection and power-on

1. Connect the desired device (terminal unit) to the RS-232 port of the module.
2. Connect the power supply to the module.

Indications

Power LED: Indicates that power is on. Illuminated only when adapter is connected to external power only, not when powered by batteries. Not available in lithium-battery models.

Assc LED: Indicates the adapter's ZigBee network association status:

LED status	Network association
On, solid green	Not associated
On, blinking green	Successfully joined

Pinouts

The RS-232 connector is an industry-standard DB9 male connector with a DTE configuration, similar to a PC serial port. Pin outs for the connector are:

Pin	Function	Data direction
1	CD	Input
2	RXD	Input
3	TXD	Output
4	DTR	Output
5	GND	
6	DSR	Input
7	RTS	Output
8	CTS	Input
9	+5VDC	Provisional—in case of supply from DTU