

## Wireless Sensors & Systems

### Z-PORT-USB

#### WIRELESS TO USB GATEWAY



- 2.4GHz Wireless to USB Gateway
- Enables easy monitoring of our wireless networks using any PC
- Free of Charge Monitoring software allows all wireless parameters to be viewed
- Logs data to .csv file

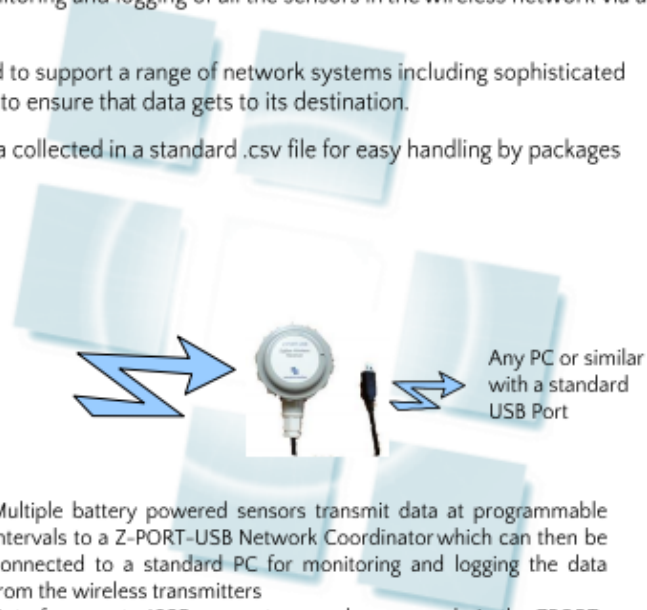
#### Description

The **Z-PORT-USB Gateway** provides a link between ZigBee based wireless sensors and any PC with a USB connection

A free of charge software package allows monitoring and logging of all the sensors in the wireless network via a standard PC.

The Z-PORT-USB has been carefully designed to support a range of network systems including sophisticated self-forming and self-healing mesh networks, to ensure that data gets to its destination.

The Z-PORT-USB saves the time stamped data collected in a standard .csv file for easy handling by packages such as Excel.



Multiple battery powered sensors transmit data at programmable intervals to a Z-PORT-USB Network Coordinator which can then be connected to a standard PC for monitoring and logging the data from the wireless transmitters  
Data from up to 1025 parameters can be accessed via the ZPORT-USB network co-ordinator



Technical specifications				
Parameter	Min	Typ	Max	Comments
Supply Voltage		5V		Obtains Power from USB port
Supply Current (mA)		40	140	140mA for high power unit
Protocols				TCP/IP UDP/IP others available
Data Rate		57600	115200	Baud
Data bits		8		
Parity				None
Operating Ambient	0°C		55°C	
Relative Humidity	0%		90%	
Surge Voltage	2.5kV for 50µS		Transient of 10kV/µS	
Notes	Can be supplied with an external antenna for increased range			

Installation data	
Mounting	Can be wall mounted
Orientation	Any
Connections	USB cable
Weight	Approx 120g

Connection details
Standard size USB Connector

Ordering information	
Please Supply	
Part Number	ZPORT-USB
Power Supply	From USB port
Options	For External Antenna add -ANT