

## Operational Description of the equipment

### Overview

The Z-Wave USB Interface allows control and monitoring of Z-Wave enabled products from a USB port device such as a gateway, set top box, handheld device or a PC.

<b>PRODUCT</b>	US Z-Wave USB Interface
<b>MODEL NO.</b>	300ZWUS-W
<b>POWER SUPPLY</b>	5V DC form PCI interface
<b>CABLE</b>	N/A
<b>I/O PORT</b>	USB
<b>FREQUENCY BAND</b>	ISM 902 ~ 928 MHz
<b>CARRIER FREQUENCY</b>	908.4 MHz at 40kbps ; 908.42 MHz at 9.6kbps
<b>NUMBER OF CHANNEL</b>	1
<b>CHANNEL BANDWIDTH</b>	20 dB channel bandwidth is about 150KHz for 40kbit
<b>I.F. &amp; L.O.</b>	I.F : 40Kbit/s 908.6 MHz ~ 908.4 MHz :200KHz L.O : 908.6MHz
<b>RATED RF OUTPUT POWER</b>	0dBm
<b>MODE OF OPERATION</b>	Half Duplex
<b>MODULATION TYPE</b>	FSK
<b>OPERATION BANDWIDTH RANGE</b>	-5 ~ 50 °C
<b>BIT RATE OF TRANSMISSION</b>	40kbps , 9.6kbps
<b>ANTENNA TYPE</b>	Monopole
<b>ANTENNA GAIN</b>	2.42 dBi