



## OEM INTEGRATION GUIDE

### Product Overview

The MaxR 950 is a Hi-Power USB dongle complies with the IEEE 802.11 specification to communicate with other 802.11 wireless devices in 2.4 GHz, and in the 4.9 GHz band, up to 65 Mbps

### Packing Contents

The USB dongle package contains the following item (s):

1 x Wireless USB Dongle

### Installation Guide

- Shut down the power of the platform.
- Align the dongle with the USB 2.0 port and adjust until the LED power off.
- Connect the antenna(s) on the USB dongle.
- Reboot on the platform
- Install drivers if necessary

### Product Features

- 2.4 GHz ISM ( Industrial , Science , Medical ) band operation
- 4.9 GHz Public Safety band operation
- USB 2.0 PHY, high speed client device
- Two antenna ports  
(Design support single antenna with one port left unconnected /unterminated)
- Transmit power , average : 24 dBm, +/- 2 dB, measure at the TX Port
- Radio Interoperability : 802.11a /g OFDM
- Antenna Interface: MMCX
- Channel Bandwidth : 5 MHz – 20 MHz
- Mesh support : 802.11s
- The device operates continuously in the 2.4 GHz or 4.9 GHz band ( not both at the same time)

### Product Specification

- Ad host supported
- Infrastructure ( Access Point ) supported
- Linux Driver
- Operating Temperature : -20C to 70C

Radio shall be sufficiently shielded to prevent emission/reception of EMI to / from host

Easy installation and use

### System Requirement

PC compatible laptop with one available USB 2.0 bus-power port

Windows XP with SP2 or later, Windows Vista or Windows 7



### Host Device Labeling

The outside of the host device into which the MaxR 950 module is installed must display a label referring to the enclosed module. This exterior label can use wording such as the following: “Contains Transmitter Module FCC ID: “XZB-MAXR-950” or “Contains FCC ID: XZB-MAXR-950.” Any similar wording that expresses the same meaning may be used. The host OEM user manual must also contain clear instructions on how end users can find and/or access the module.

## Regulatory Information

### FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### FCC Radiation Exposure Statement

This equipment complies with the FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

(1) This device may not cause harmful interference, and

(2) This device must accept any interference received, including interference that may cause undesired operation.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

The antennas used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.