User Manual

WIRELESS LAN MODULE
MODEL FZ09913-200

The purpose of this manual is to explain correct way how to integrate module FZ09913-200 to the end product. It includes procedures that shall assist you to avoid unforeseen problems. This manual presents information that shows how module and OEM product, where module integrated, complies with regulations in certain regions. Any modifications, not expressly approved by the manufacturer could void the authority to operate in these regions.

The wireless LAN module, model FZ09913-200 has to be installed and used in accordance with the technical description/installation instructions provided by the manufacturer.

For detail information concerning type approval of this module (e.g. where this module is already pre-approved) please contact the authorized local distributor or the manufacturer.

The system may only be implemented in the configuration that was authorized.
Note that any changes or modifications to this equipment not expressly approved by the manufacturer could void the user’s authority to operate this equipment.

Regulatory Information

Operational Information

Wireless Interoperability

The end product integrating this module is designed to be interoperable with any wireless LAN product that is based on direct sequence spread spectrum (DSSS) and orthogonal frequency division multiplexing (OFDM) radio technology and to comply with the following standards.

·IEEE Std 802.11b Standard on 2.4GHz Wireless LAN

·IEEE Std 802.11g Standard on 2.4GHz Wireless LAN

·IEEE Std 802.11 n Standard on 2.4GHz Wireless LAN

Safety

The end product integrating this module, like other radio devices, emits radio frequency electromagnetic energy. The level of energy emitted by this device, however, is less than the electromagnetic energy emitted by other wireless devices such as mobile phones. The end product integrating this module operates within the guidelines found in radio frequency safety standards and recommendations.
These standards and recommendations reflect the consensus of the scientific community and result from deliberations of panels and committees of scientists who continually review and interpret the extensive research literature. In some situations or environments, the use of the end product integrating this module may be restricted by the proprietor of the building or responsible representatives of the applicable organization. Examples of such situations include the following:

·Using the end product integrating this module onboard airplanes, or

·Using the end product integrating this module in any other environment

where the risk of interference with other devices or services is perceived or identified as being harmful.

If uncertain of the policy that applies to the use of wireless devices in a specific organization or environment (an airplane, for example), ask for authorization to use the end product integrated into this module before turning it on.

USA-Federal Communications Commission (FCC)

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of 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. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications. However, there is no guarantee that 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 tuning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures:
-Reorient or relocate the receiving antenna.
-Increase the distance between the equipment and the receiver.
-Connect the equipment to outlet on a circuit different from that to which the receiver is connected.
-Consult the dealer or an experienced radio/TV technician for help.

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.

CAUTION:

Any changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Labeling:

Wireless LAN module FZ09913-200 labeled as below.

FCC ID: W2Z-02000002

The proposed with FCC ID label format is to be placed on the module. If FCC ID is not visible when the module is installed into the system, “Contains FCC ID:
W2Z-02000002” shall be placed on the outside of final host system.

Caution: Exposure to Radio Frequency Radiation.

To comply with FCC RF exposure compliance requirements, this device must not be co-located or operating in conjunction with any other antenna or transmitter.

Instructions to OEM Integrators

A User manual provided to the end user must indicate the operating requirements and conditions that must be observed to ensure compliance with the above-mentioned FCC RF Exposure guideline.

If this module is intended for use in a portable device, integrators are responsible for separate evaluation and/or approval to satisfy FCC RF Exposure requirements.

The antenna used this module is as follows;
Antenna Type: PCB printed antenna
Antenna Gain: -4.14dBi

If an antenna with higher gain or new antenna type is used with this module, integrators must contact to manufacture for additional testing and submission to the FCC.

If other radio devices are to be integrated with this module, an additional evaluation and FCC submission may be required. Integrators are responsible for such additional evaluation and FCC submission.

Canada-Industry Canada (IC)

This device complies with RSS 210 of Industry Canada.
Operation is subject to the following two conditions:
(1) This device may not cause interference, and
(2) This device must accept any interference, including interference that may cause undesired operation of this device.

Le présent appareil est conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :
(1) l'appareil ne doit pas produire de brouillage, et
(2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (EIRP) is not more than that required for successful communication.

Labeling:

Wireless LAN module FZ09913-200 labeled as below.

IC: 7736B-02000002

The proposed with IC ID label format is to be placed on the module. If IC ID is not visible when the module is installed in to the system, “Contains IC: 7736B-09000002” shall be placed on the outside of final host system.

Caution: Exposure to Radio Frequency Radiation.

To comply with IC RF exposure compliance requirements, this device must not be co-located or operating in conjunction with any other antenna or transmitter.

Instructions to OEM Integrators

A User manual provided to the end user must indicate the operating requirements and conditions that must be observed to ensure compliance with the above-mentioned IC RF Exposure guideline.

If this module is intended for use in a portable device, integrators are responsible for separate evaluation and/or approval to satisfy IC RF Exposure requirements.

The antenna used this module is as follows;
Antenna Type: PCB printed antenna
Antenna Gain: -4.14dBi

If an antenna with higher gain or new antenna type is used with this module, integrators must contact manufacture for additional testing and submission to the IC.

If other radio devices are to be integrated with this module, an additional evaluation and IC submission may be required. Integrators are responsible for such additional evaluation and IC submission.