

# FUNAI U9W37 WiFi Module User Manual

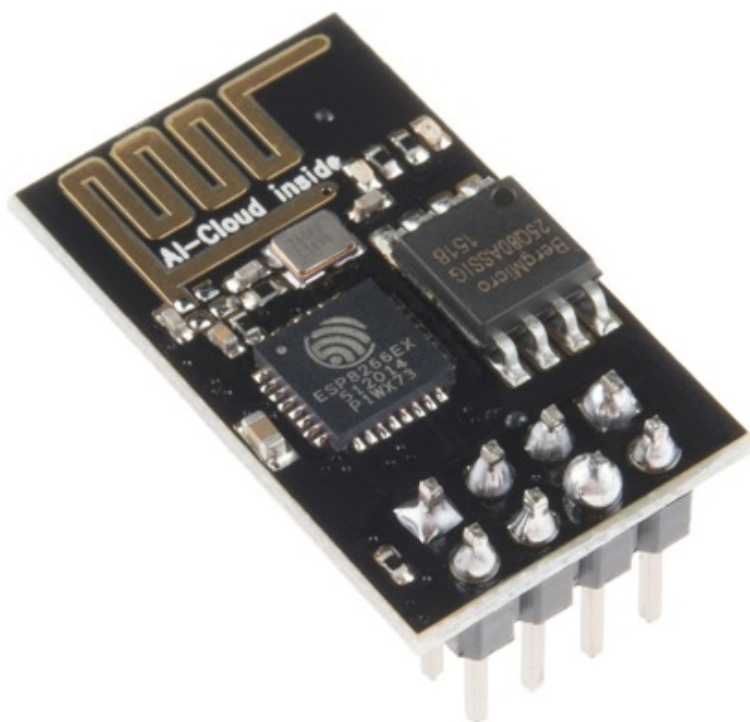
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## FUNAI U9W37 WiFi Module



## Product Information

### Specifications:

- Model: U9W37
- Regulatory Compliance: FCC Part 15, ISED license-exempt standards

## Product Usage Instructions

### FCC Radiation Exposure Statement:

- This module is designed for use in host devices and must be installed following the manufacturer's instructions provided in the user documentation.
- Compliance with FCC Part 15 rules is mandatory. The device should not cause harmful interference and must accept any received interference.
- Any changes or modifications not approved by the responsible party may void the user's authority to operate the equipment.

### Installation Requirements:

Ensure the FCC identification number is visible when the module is installed. If not visible, an exterior label on the host device referring to the module is required.

### IC Radiation Exposure Statement:

- Similar to FCC regulations, the device must be used according to the manufacturer's instructions provided in the user documentation.
- The device contains license-exempt transmitters/receivers complying with ISED standards. It must not cause interference and should accept any received interference.

### Host Device Information:

The host device must display the necessary regulatory information regarding FCC and ISED compliance.

## FAQ

- Q: What are the primary regulatory compliances for this module?  
A: The module complies with FCC Part 15 rules and ISED license-exempt standards.
- Q: How should the module be installed in a host device?  
A: Follow the manufacturer's instructions provided in the user documentation. Ensure visibility of FCC/IC identification numbers or labels on the host device.

## WiFi Module U9W37

### FCC Radiation Exposure Statement

This modular is not sold to general end users directly but is limited to the use in the host device (in-house products) only. This module must be installed to above devices and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the modular.

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.

Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment. The modular can be installed or integrated in mobile or fix devices only. This modular cannot be installed in any portable device, for example, USB dongle-like transmitters is forbidden. This modular complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This modular must be installed and operated with a minimum distance of 20 cm between the radiator and user body. If the FCC identification number is not visible when the modular is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains Transmitter Module FCC ID: 2AU3BU9W37" or "Contains FCC ID: 2AU3BU9W37". The host product manufacturer is responsible for compliance to any other FCC rules that apply to the host not covered by the modular transmitter grant of certification. The final host product still requires Part 15 Subpart B compliance testing with the modular transmitter installed.

### **IC Radiation Exposure Statement**

- The device must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product.
- This device contains license-exempt transmitters/receivers that comply with Innovation, Science and Economic Development Canada's license-exempt RSS standards. Operation is subject to the following two conditions: device.
- The modular can be installed or integrated in mobile or fix devices only. This modular cannot be installed in any portable device, for example, USB dongle like transmitters is forbidden.
- This modular complies with IC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This modular must be installed and operated with a minimum distance of 20 cm between the radiator and user body.
- If the IC number is not visible when the module is installed inside another device, then the outside of the device into which the module is installed must also display a label referring to the enclosed module. This exterior label can use wording such as the following: "Contains IC: 25625-U9W37"

The following information must be indicated on the host device of this module;

#### **[for FCC]**

Contains FCC ID: 2AU3BU9W37

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.

\*If it is difficult to describe this statement on the host device due to the size, please describe in the user's manual and also either describe on the device packaging or on a removable label attached on the device.

#### **[for ISSED(IC)]** Contains IC: 25625-U9W37

This device contains license-exempt transmitters/receivers that comply with Innovation, Science and Economic Development Canada's license-exempt RSS standards. 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 the

device.

The following statements must be described on the user manual of the host device of this module;

**[for FCC]**

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

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

**NOTE:** THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

This modular must be installed and operated with a minimum distance of 20 cm between the radiator and the user body.

**[for ISED(IC)]** This device contains license-exempt transmitters/receivers that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS standards. 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 the device.

**[for ISED(IC)]** This device contains license-exempt transmitters/receivers that comply with Innovation, Science, and Economic Development Canada's license-exempt RSS standards. 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 the device.
  - for indoor use only (5150-5250MHz)

This equipment complies with ISED radiation exposure limits set forth for an uncontrolled environment and meets RSS-102 of the ISED radio frequency (RF) Exposure rules. To comply with FCC RF exposure compliance requirements, this grant applies to only Mobile Configurations. The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other. Until further notice, devices subject to RSS-247 section 6.2.3 shall not be capable of transmitting in the 5600-5650 MHz band.

## **FCC**

Compliance with FCC requirement 15.407(c)

Data transmission is always initiated by software, which is passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC. These are the only ways the digital baseband portion will turn on the RF transmitter, which it then turns off at the end of the packet. Therefore, the transmitter will be on only while one of the aforementioned packets is being transmitted. In other words, this device automatically discontinues transmission in case of either the absence of information to transmit or operational failure.

**[for ISED(IC)]** Data transmission is always initiated by software, which is passed down through the MAC, through the digital and analog baseband, and finally to the RF chip. Several special packets are initiated by the MAC.

