



PRODUCT MODEL (HVIN): WL6UR1510

PRODUCT DESCRIPTION (PMN): WIFI+BT Module

### SAFETY REGYLATION:

1. shall not arbitrarily change the frequency of transmission, increase the transmission power (including the installation of radio frequency power amplifier);
2. it is not allowed to cause harmful interference to all kinds of legal radio communication. Once it is found that there is interference, it should be stopped immediately, and measures can be taken to eliminate interference before continuing to use it;
3. must be able to resist radiation interference of various radio or industrial / scientific / medical applications;
4. may not be used near airplane or airports.

### NOTICE:

1. please keep this product and accessories attached to the places which children can't touch;
2. do not splash water or other liquid onto this product, otherwise it may cause damage;
3. do not put this product near the heat source or direct sunlight, otherwise it may cause deformation or malfunction;
4. please keep this product away from flammable or naked flame;
5. please do not repair this product by yourself. Only qualified personnel can be repaired.

### FEATURES:

1. Compatible with IEEE 802.11b standard to provide wireless 11Mbps data rate.  
Compatible with IEEE 802.11g standard to provide wireless 54Mbps data rate.  
Compatible with IEEE 802.11n standard to provide wireless 72.2Mbps data rate.
2. Support 20MHz bandwidth in 2.4GHz band.
3. The modulation type are DQPSK,DBPSK and CCK with DSSS to 802.11b;  
QPSK,BPSK,16QAM,64QAM with OFDM to 802.11g/n;
4. Supports Bluetooth V4.2 BLE mode only
5. Operation at 2.4~2.4835GHz frequency band to meet worldwide regulations.
6. Friendly user configuration and diagnostic utilities
7. Drivers support Windows7.LINUX
8. RoHS compliant
9. Transmit power no more than 1000mW
10. Voltage is 5VDC
11. The module size: length 21.6mm\* width 35.6mm\*\*Height 1.0mm



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## **Compliance Information**

### **FCC Statement**

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.

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

Note: 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 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one or more 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/television technician for help.

### **FCC Radiation Exposure Statement**

The modular can be installed or integrated in mobile or fix devices only. This modular cannot be installed in any portable device if not apply further FCC application such as SAR,etc.

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

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment.

This equipment should be installed and operated with a minimum distance of 20 cm ( 7.9 inches ) between the radiator and your body.



If the FCC identification 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 Transmitter Module FCC ID: 2AC23-WL6U Or Contains FCC ID: 2AC23-WL6U"

When the module is installed inside another device, the user manual of the host must contain below warning statements:

1. 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.

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

Note: 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 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 turning the equipment off and on, the user is encouraged to try to correct the interference by one or more 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.

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

The devices must be installed and used in strict accordance with the manufacturer's instructions as described in the user documentation that comes with the product.

Any company of the host device which install this modular with limit modular approval should perform the test of radiated & conducted emission and spurious emission, etc. according to FCC part 15C : 15.247 and 15.209 & 15.207 ,15B Class B requirement, Only if the test result comply with FCC part 15C : 15.247 and 15.209 & 15.207 ,15B Class B requirement, then the host can be sold legally.

FCC standards: FCC CFR Title 47 Part 15 Subpart C Section 15.247. It is applicable to the modular transmitter.

This radio transmitter with FCC ID 2AC23-WL6U has been approved by Federal Communications Commission to operate with the antenna types listed below, with the maximum permissible gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain indicated for any type listed are strictly prohibited for use with this device.

WIFI/BT Ant.	Frequency (MHz)	Antenna Type	Antenna Gain (dBi)
1	2400-2483.5	PCB Antenna	3