

USB 802.11N 150M WIRELESS Module

Complied with Windows 2000/XP/Vista/Win7



Spotlight:

- Exceptional wireless speed up to 150Mbps
- Wireless security encryption easily at a push of QSS button
- Supports sony PSP for online game

Product Features

- 150Mbps wireless transmission rate
- Provides two methods of operation: Infrastructure and Ad-Hoc
- Quick Secure Setup, complies with WPS for worry free wireless security
- Supports 64/128-bit WEP, complies with 128 bit WPA standard(TKIP/AES), supports MIC, IV Expansion, Shared Key Authentication, IEEE 802.1X
- Supports Sony PSP for online game
- Supports Windows 2000/XP/Vista/Win7 OS
- Seamlessly compatible with 802.11b/g/n devices

Product description

This product is designed to provide a high-speed and unrivaled wireless connection for the things which can help you keep health by using them. You can obtain better wireless performance, such as downloading, uploading and so on.

This product complies with IEEE 802.11g, and IEEE 802.11b standards. It can perfectly interoperate with all the 802.11n/g/b devices. This product auto-sensing capability allows high packet transfer rate of up to 150Mbps for maximum throughput.

Additionally, this product supports QSS function, which can help you create a wireless connection with effortless security setup, to prevent outside intrusion and protect your personal information from being exposed.

Featuring high performance transmission rates, simple installation and adaptability, as well as strong security, this product is a perfect solution for small office and home need. The module just is use on the IFIT module, will not used as a network adapter alone.

Product Specifications

Software Specification	
Standards	IEEE 802.11n, IEEE 802.11g, IEEE 802.11b
Wireless Signal Rates With Automatic Fallback	11n: Up to 150Mbps 11g: Up to 54Mbps 11b: Up to 11Mbps
Frequency Range	2.4-2.4835GHz
Wireless Transmit Power	12.83dBm(b.g.n), 11.8dBm(n/HT40)
Modulation Type	OFDM/CCK/16-QAM/64-QAM
Receiver Sensitivity (without Standards antenna)	130M: -68dBm@10% PER 108M: -68dBm@10% PER 54M: -68dBm@10% PER 11M: -85dBm@8% PER 6M: -88dBm@10% PER 1M: -90dBm@8% PER
Work Mode	Ad-Hoc Infrastructure
Wireless Security	64/128 bit WEP WPA/WPA2, WPA-PSK/WPA2-PSK (TKIP/AES)
Support Operating System	Windows 2000/XP/Vista/Win7

Hardware Specification	
Certifications	CE, FCC
Operating Temperature	0 C ^o -40 C ^o (32F ^o ~104F ^o)
Storage Temperature	-40 C ^o -70 C ^o (-40F ^o ~158F ^o)
Relative Humidity	10% ~ 90%, non condensation
Storage Humidity	5%~95% non-condensing
Dimensions	37,5*15mm

Package Size:

Bulk

Pcs/box Carton	Net weight (g)	Gross weight (g)	Cubic meter(mm)
150	375g	420g	340*185*20mm

FCC ID: GGOBL-LW05-2M

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.

FCC Caution: 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/TV technician for help.

For product available in the UAS/Canada market, only channel 1-11 can be operated, selection of other channels is not possible.

IMPORTANT NOTE:

Integration is strictly limited to mobile/fixed categorized end-products where a separation distance of at least 20 cm between the radiating part and any human body can be assured during normal operating conditions.

IMPORTANT NOTE:

In the event that these conditions can not be met (for example certain laptop configurations or co-location with another transmitter), then the FCC authorization is no longer considered valid and the FCC ID can not be used on the final product. In these circumstances, the OEM integrator will be responsible for re-evaluating the end product (including the transmitter) and obtaining a separate FCC authorization.

IMPORTANT NOTE:

This module is intended for OEM integrator only and the OEM integrators are instructed to ensure that the end user has no manual instructions to remove or install the device. The OEM integrator is still responsible for the FCC compliance requirement of the end product, which integrates this module.

LABEL OF THE END PRODUCT:

The final end product must be labeled in a visible area with the following “Contains TX FCC ID: GGOBL-LW05-2M”. If the size of the end product is smaller than 8x10cm, then additional FCC part 15.19 statement is required to be available in the users manual: 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.