

Quick Installation Guide

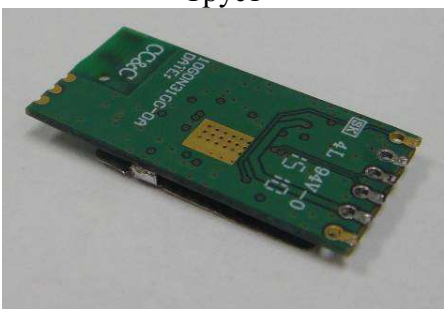
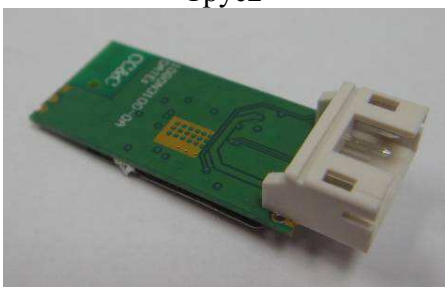
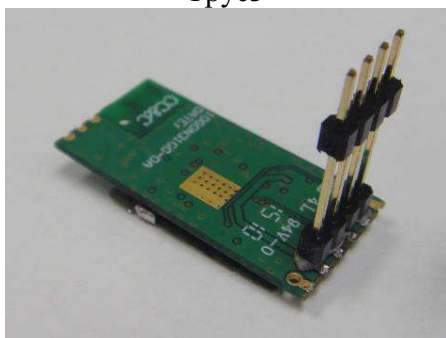
FL-Y5M01

WLAN USB interface Module

802.11b/g/n (1T1R)

Version 1.0
December 12, 2016

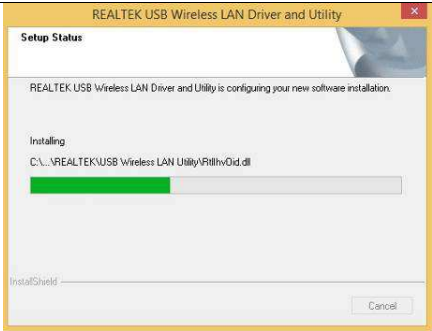
Product Specification	
Product:	WLAN USB interface Module (802.11b/g/n)
Model:	FL-Y5M01
Power Supply Rating:	5Vdc / 500mA
Modulation Type:	BPSK, QPSK, 16QAM, 64QAM
Modulation Technology:	IEEE 802.11b: DSSS IEEE 802.11g/n:OFDM
Transfer Rate:	1,2,5.5,6,11,12,18,22,24,30,36,48,54,60,90,120 and maximum of 150Mbps
Operating Frequency:	2412 ~ 2472MHz
Number of Channel:	802.11b, 802.11g, 802.11n (HT20): 13 802.11n (HT40): 7
RF power:	22.58(±2)dBm
Antenna Type :	Multilayer Chip Antenna, Peak Gain, 0.5 dBi typ. Average Gain, -0.5 dBi typ.
Operating temperature	0 – 35° C ambient temperature

Interface		
Typel 	Typye2 	Typye3 

Installing WLAN module driver

This *Quick Installation Guide* provides you with some basic instructions only. The following instructions will guide you through overall installation procedure. In OS-specific situations, you should follow the on-screen instructions to proceed.

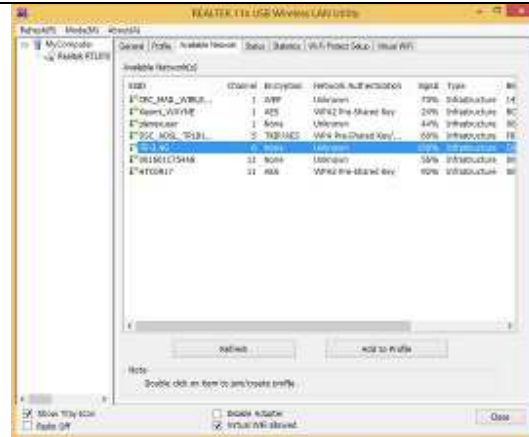
Follow these steps below to install the WLAN module driver.

Step 1: Close all Windows programs that are running	
Step 2: Insert the module into the USB port of your computer first. Then, a REALTEK USB Wireless LAN Driver and Utility window pops up. Click Next.	
Step 3: Install driver of REALTEK USB Wireless LAN	
Step 4: When installation is completed, an installation complete window will display. Select “Yes, I want to restart my computer now.” Then, click [Finish]	

Step 5:
On your desktop, Please click Realtek USB Wireless LA..



Step 6:
In the Available Network tab, select the network you would like to link to and then close this window.

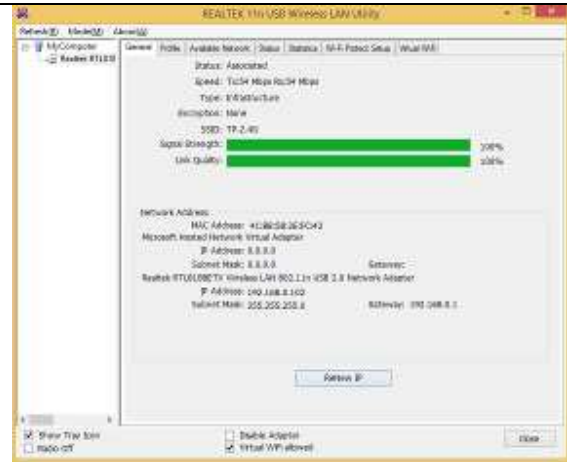


Step 7:
On the Wireless Network Properties window, click [OK]



Step 8:

In the General tab, you can check network connection status .



Federal Communication Commission Interference 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 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.

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

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 device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

IMPORTANT NOTE:

This module is intended for OEM integrator. The OEM integrator is still responsible for the FCC compliance requirement of the end product, which integrates this module.

20cm minimum distance has to be able to be maintained between the antenna and the users for the host this module is integrated into. Under such configuration, the FCC radiation exposure limits set forth for a population/uncontrolled environment can be satisfied.

Any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment.

USERS MANUAL OF THE END PRODUCT:

In the user's manual of the end product, the end user has to be informed to keep at least 20cm separation with the antenna while this end product is installed and operated. The end user has to be informed that the FCC radio-frequency exposure guidelines for an uncontrolled environment can be satisfied. The end user has to also be informed that any changes or modifications not expressly approved by the manufacturer could void the user's authority to operate this equipment. 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 user's manual: This device complies with Part 15 of 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.

Radiation Exposure Statement:

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

LABEL OF THE END PRODUCT:

The final end product must be labeled in a visible area with the following " Contains TX FCC ID: **NJC-FLY5M01** ". (The other project ID: " Contains TX FCC ID: **NJC- FLY5M01** ") If the size of the end product is larger than 8x10cm, then the following FCC part 15.19 statement has to also be available on the label: This device complies with Part 15 of 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.

Professional installation

Section 15.204(b) states that an approved "transmission system" must always be marketed as a complete system including the antenna.

European Union regulatory notice

The telecommunications functionality of this product may be used in the following EU and EFTA countries:

Austria, Belgium, Bulgaria, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Slovak Republic, Slovenia, Spain, Sweden, Switzerland and United Kingdom.
