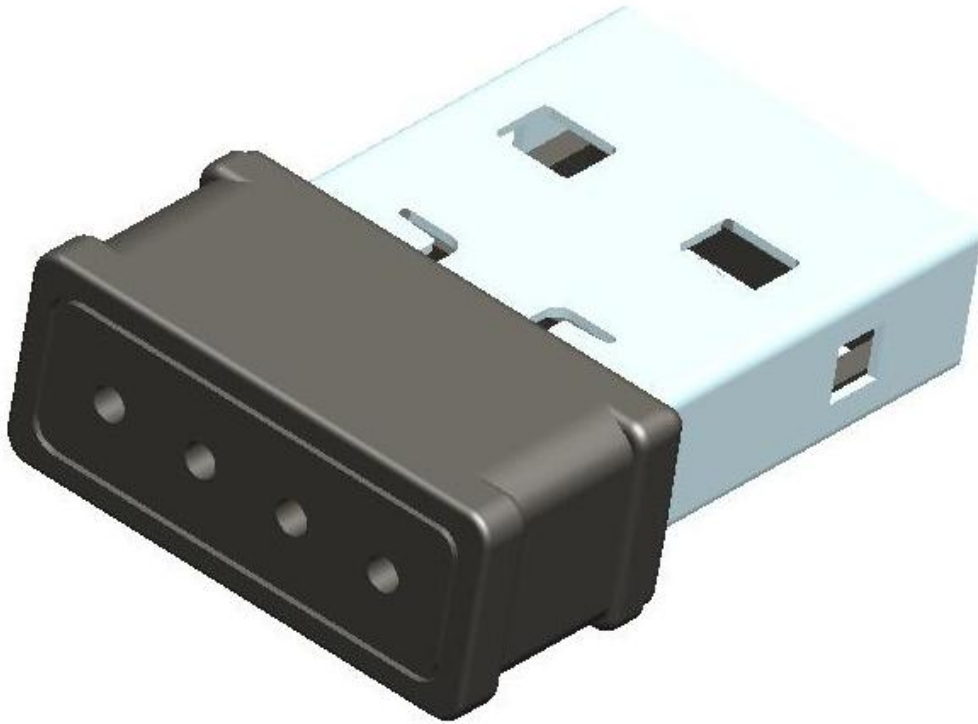


## mini usb wifi dongle with Realtek RTL8188eus/Etv chipset.

Model No.: SMG-8188



### 1. Description:

FX-8188 Wireless-N 150Mbps USB 2.0 WIFI Adapter allows you to connect your laptop or desktop to any Wireless-N networks in your home or office. The Wireless-N (802.11n) USB 2.0 Adapter is great for those who want to upgrade older computers to be able to access the internet over a Wireless-N network at 5 times faster than traditional Wireless-G (802.11b) networks, Wireless-N networks allow for high speed data transfers, online gaming, and lightning fast downloads. The Wireless-N USB 2.0 Adapter gives you access to all the high-speed features of Wireless-N networks on older and newer computers. Its simple and easy setup means you'll be surfing the internet, downloading movies, and e-mail in no time.

### 2. Features:

- \* Realtek RTL8188EUS/ETV Chip
- \* Mini portable USB 2.0 design.
- \* Wireless N speed up to 150Mbps, ideal for internet surfing and online gaming.

- \* Complies with IEEE 802.11n (Draft 2.0), IEEE 802.11g, IEEE 802.11b standards.
- \* Provides two work modes: Infrastructure and Ad-Hoc.
- \* MIMO technology makes wireless transmission rates up to 150Mbps .
- \*CCA technology enhances your signal stability by automatically avoiding channel conflicts.
- \* Wireless security encryption easily at a push Of QSS button.
- \*Supports 64/128-bit WEP, WPA/WPA2 and WPA-PSK/WPA2-PSK encryptions.
- \* Supports WIN2K/XP/VISTA/WIN7/WN8/WIN10/MAC/LINUX operating system.
- \* Supports wireless roaming technology for high-efficient wireless connections.
- \* Seamlessly compatible with 802.11b/g/n devices.

### 3. Specification:

Item Description	RTL8188EUS/ETV USB WIFI ADAPTER
WLAN	IEEE802.11b/g/n Speed up to150Mbit/s
Interface	One USB 2.0
Antenna	Built-in antenna
Indicator	No
Frequency Range	2.412 - 2.484GHz
RF Output Power(Typical)	802.11n: 13±1dBm 802.11g: 13±1dBm 802.11b: 15±1dBm
Receive Sensitivity	11n(150M) : -68±1dBm@10% PER 11g (54M): -70±1dBm@10% PER 11b (11M): -80±1dBm@8% PER
Radio type	IEEE 802.11b: DSSS(CCK/DQPSK/DBPSK) IEEE 802.11g: OFDM(64-QAM, 16-QAM, QPSK, BPSK) IEEE 802.11n: OFDM(BPSK/QPSK/16-QAM/ 64-QAM)
Data Rate	11n: 135/121.5/108/81/54/40.5/27/13.5Mbps 130/117/104/78/52/39/26/13Mbps 65/58.5/52/39/26/19.5/13/6.5Mbps 11g: 54/48/36/24/18/12/9/6M(adaptive) 11b: 11/5.5/2/1M(adaptive)

Transmitting Distance	Indoor 30 meters,Outdoor 100 meters	
Power Supply	Input USB 5V;	
Dimension	<b>20*14*6</b> mm (As per requirements by customer)	
Weight	0.02kg	
Temperature	Work Temperature	-10°C ~ +60°C
	Storage Temperature	-20°C~ +80°C
Humidity	5%~95%	
Security Mode	64/128/152bit WEP,WPAPSK,WPA2PSK,WPAPSK/WPA2PSK	
Support system	XP 32/64, Vista 32/64, Linux, MAC, Windows 7/8/10 32/64	

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/TV technician for help.