

U8 4G LTE USB WiFi Dongle



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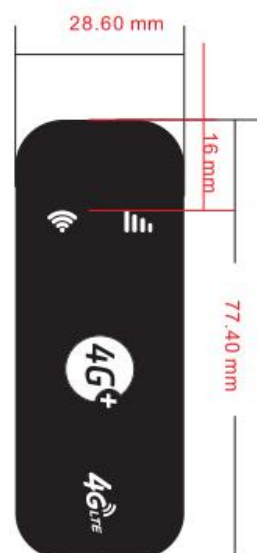
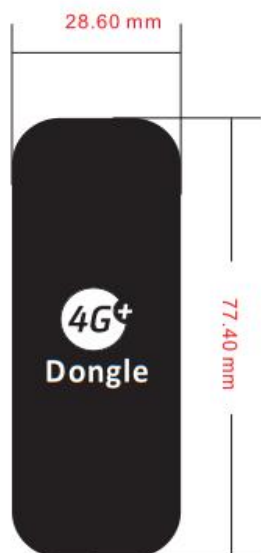
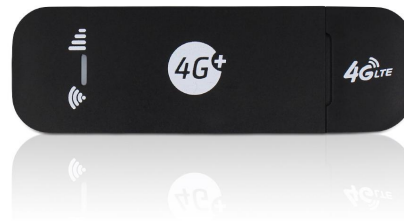
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1. Overview

Yeacomm U8 is a high-speed USB Wi-Fi modem router. It is a multi-mode wireless terminal.

The U8 supports the following standards:

- ✧ Wireless access is available on both 3G&4G network.
- ✧ Internet connection sharing, up to 8-10 users can access the Wi-Fi network at the same time.
- ✧ Work with external power supply, no limited working time.
- ✧ CAT4 150 Mbps DL / 50 Mbps UL speed.
- ✧ Standard USB 2.0 compatible Tablet, Laptop, notebook, power bank, car&phone charging.
- ✧ One-touch connection.



2.Detail Specification

Basic Product Information	Description	Remark
Model	U8	4G Wi-Fi dongle
FLASH + RAM	2Gbit Flash+1Gbit DDR2	
Chipset	Qualcomm MDM9207	
Europe, Asia and Africa Frequency	FDD-LTE	B1/B3/B5/B7/B8/B20 /B28
	TDD-LTE	B38/40/41
	UMTS/WCDMA/HSPA/HSPA+	B1(2100Mhz)/B5(850Mhz)/B8(900Mhz)
	GSM	850/900/1800/1900Mhz
North America South America Edition Frequency	FDD-LTE	B2/B4/B5/B12/B13/B17/B25/ B28/B66
	TDD-LTE	Band41
	UMTS/WCDMA/HSPA/HSPA+	B1(2100Mhz)/B2(1900Mhz)/ B4 (800Mhz)/B5 (850Mhz)
	GSM	850/900/1800/1900Mhz
Speed	TDD-LTE	150Mbps DL/50Mbps UL
	FDD-LTE	150Mbps DL/50Mbps UL
	UMTS/WCDMA/HSPA/HSPA+	DL 42Mbps, UL 5.76Mbps
Wi-Fi	2.4GHz, 802.11b/g/n up to 150Mbps	Modes supported: 802.11b mode 802.11g only mode 802.11n only mode 802.11b/g only mode 802.11b/g/n mode 802.11n 1*1(2.4GHz, 20MHz)
User amount	Max to 10 users	
AP Features	Security modes	Open WEP WPA-PSK WPA2-PSK WPA-WPA2 Hybrid mode(Mixed Mode) TKIP-CCMP Hybrid mode(Mixed Mode) WPS 2.0 Hidden SSID supported
		AP-STA mSSID (AP-AP) – up to 2

	Concurrency (FC quality for LE1.0)	SSID's STA-STA communication block/allow between two SSIDs Independent security modes (Open, WEP, WPA, WPA2, WAPI) for concurrency modes above except WEP in both interfaces Channel of operation - same channel
	Other	QoS and PS WMM WMM-PS/uAPSD ERP protection Coexistence LTE coexistence (static channel selection) Data Switching/Forwarding Switching of packets amongst clients Support for forwarding data to and from WAN VPN Pass-through
❖ Interface		
Antenna	4G/3G/2G Main antenna 4G MIMO/3G Rx Diversity antenna WiFi antenna	Internal External(Optional)
USB	Standard USB 2.0	USB 2.0 High Speed
SIM/USIM Card slot	Yes	Standard 6 PIN SIM card interface, compliant with 3GPP 31.101 and 31.102
Micro-SD Card slot	Yes	Micro-SD Card
L*H*W(mm)	92.5mm*28mm*11mm	
Weight(g)	30g	
❖ LTE		
Power	Red	
Wi-Fi	Green	
LTE	Blue	
❖ Other Description		
RF Power Spec	Class 4 for UMTS/HSPA/LTE;	

	Class 4 for GSM 850/900; Class 1 for GSM 1800/1900; Class E2 for EDGE 850/900/1800/1900	
Power Supplu Input	USB 2.0 5V-1A	
❖ Software		
UI	WEB UI	
Operation system	Windows / Mac OS /IOS/ Android	
Operation	Internet Explorer/Mozilla Firefox/Google Chrome/Safari	
❖ Environmental		
Normal Operation	0°C to +45°C	
Restricted Operation	-10°C to +55°C	
Storage	-20°C to +70°C	
❖ Certificate		
ROHS	Compliance	
CE	Compliance	

Selection and Ordering Data

U8 Series modem

Model No.	Description
U8	4G LTE WIFI Modem with inner antennas
U8(optional)	4G LTE WIFI Modem with external antennas