



4G WIFI Dongle Specification

Basic Product Information	Description	Remark
Model		4G WIFI Dongle
Band/Frequency	TDD-LTE	B38/39/40/41
	FDD-LTE	B1/3/7 (B2/5/8/20 Optional)
	UMTS/WCDMA/HSPA/HSPA+	B1/B2/B5/B8
	GSM	850/900/1800/1900Mhz
Speed	TDD-LTE	150 Mbps DL / 50 Mbps UL (61 Mbps DL / 18Mbps UL Optional)
	FDD-LTE	150 Mbps DL / 50Mbps UL (100 Mbps DL / 50Mbps UL Optional)
	UMTS/WCDMA/HSPA/HSPA+	21 Mbps DL / 5.76 Mbps UL
WIFI	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 1x1 (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
	Concurrency (FC quality for LE1.0)	AP-STA mSSID (AP-AP) – up to 2 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
* 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)	96*34*12mm	
* Weight(g)	32g	
◇ LED		
* Power	Red	
* WIFI	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 supply input	USB 2.0 5V-1A	
◇ Software		
* System	ucos	
* UI	WEB UI	
* Operation system	Windows / Mac OS /IOS /Android	
* Operation	Internet Explorer/Mozilla Firefox/Google Chrome/Safari	
◇ Environmental reliability test condition		
* 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	

