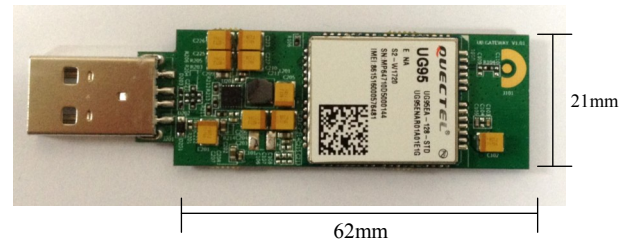


# ADP-W95

## USB Adaptor for UMTS/HSPA Module High-speed Wireless Connectivity



### General Features

<b>Frequency Bands</b>	<b>ADP-W95-E</b> 900/2100MHz@UMTS 900/1800MHz@GSM <b>ADP-W95-A</b> 850/1900MHz@UMTS 3G only
<b>HSUPA</b>	Release 7(category 6)
<b>HSDPA</b>	Release 7(category 8)
<b>EDGE</b>	Downlink only
<b>GPRS</b>	Multi-slot Class 12
<b>UMTS</b>	Release 99/7
<b>GSM</b>	Release 99/4
<b>Supply Voltage Range</b>	USB 5.0v typ.
<b>Operation Temperature</b>	-40 °C ~ +85°C
<b>Dimensions</b>	72.0*21*5.7mm (PCBA only) 83.6*24.3*16.7mm (With plastic case)
<b>Weight</b>	Approx. 15g
<b>Control via AT commands</b>	3GPP TS27.007, 27.005 and other enhanced AT Commands

### Electrical Characteristics

<b>Output Power</b>	Class 3 (24dBm +1/-3dB) for UMTS bands Class 4 (33dBm ±2dB) for GSM 850/900 Class 1 (30dBm ±2dB) for GSM 1800/1900
<b>Consumption</b>	0.96mA@GSM sleep, DRX=9 1.15mA@UMTS sleep, DRX=9 212mA@GSM voice, max power 500mA@UMTS voice, max power 420mA@GPRS data, max power 480mA@HSDPA, max power 490mA@HSUPA, max power
<b>Sensitivity</b>	-110dBm@UMTS 900/2100 -110.5dBm@UMTS 850/1900 -110.5dBm@DCS 1800 -109.5dBm@EGSM 900

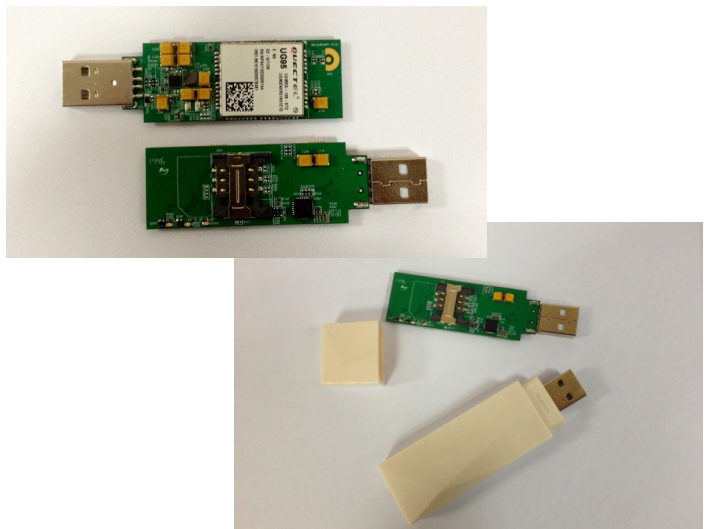
\*Module consumption and sensitivity will be effected by Antenna performance.

### Interfaces

<b>USB</b>	2.0 High Speed/ USB-A MALE
<b>SIM</b>	1.8V/3V
<b>NETLIGHT LED</b>	Indication for Network registration Status
<b>STATUS LED</b>	Indication for UG95 Power On /Off Status
<b>Power LED</b>	Indication for USB Power On /OFF
<b>Antenna Interface</b>	FPC WCDMA antenna enclosed

### Quectel UG95 Certification

<b>Approval</b>	CE/GCF/FCC/IC/PTCRB Rogers AT&T/
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### Specifications (Base on Quectel UG95 spec.)

<b>SMS</b>	Point-to-point MO and MT SMS Cell Broadcast Text and PDU Mode
<b>HSUPA</b>	Max.5.76Mbps
<b>HSDPA</b>	Max.7.2Mbps
<b>UMTS</b>	Max.384Kbps (DL)/Max.384Kbps (UL)
<b>DATA</b>	<b>EDGE</b> Max.236.8Kbps (DL)
<b>GPRS</b>	Max.85.6Kbps (DL)/Max.85.6Kbps (UL)
<b>CSD</b>	GSM: 14.4 Kbps (DL)/14.4 Kbps (UL) WCDMA: 64 Kbps (DL)/64 Kbps (UL)
<b>Speech Codec Modes</b>	HR, FR, EFR, AMR, AMR-WB
<b>Voice</b>	<b>Echo Arithmetic</b> Echo Cancellation Noise Reduction
<b>Protocols</b>	TCP/UDP/PPP/MMS/HTTP/HTTPS/SMTP/ SMTPS/FTP*/NTP/NITZ/PING/SSL*

### Special Features

<b>Drivers</b>	Windows XP/Server 2003 Windows Vista/7/8/8.1 Linux 3.x.x Linux 2.6.x Android 2.3/4.0/ 4.2 Win CE 5.0(2.1) WinCE 6.0 (2.1)
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