

Data Sheet

# 4G USB Dongle

## ADF 311



### Key Parameters

**Support operator's LTE bands and PLTE bands**

- Including Band53 and CBRS band

**Support UE Category 6**

**Small form factor design**

**Plug and play**

**Low power consumption**

**IP Rating**

- IP32

## Hardware Function

<b>Cellular Bands</b>	
LTE	TDD: B38/B40/B41/B42/B43/B48/B53
<b>Chipset</b>	
GCT MGM5607A	
<b>Module</b>	
MGM5607A	
<b>Category</b>	
3GPP Release 9	
LTE category 6	
<b>External port</b>	
1 x USB2.0 Type A	
1 x Nano SIM Slot (4FF)	
<b>LED</b>	
1 x Tri-color indicates SIM/Firmware upgrade/Network status	
<b>Antenna</b>	
2 x Built-in LTE antennas	
<b>Carrier Aggregation</b>	
LTE	DL 2CA
<b>MIMO</b>	
DL 2*2 MIMO 64 QAM	
<b>Maximum transmission power</b>	
LTE bands	Class 3 (23 dBm $\pm$ 2.7 dB)
<b>Maximum transmit throughput<sup>(theoretical value)</sup></b>	
Downlink	4G LTE: 220Mbps
Uplink	4G LTE: 30Mbps
<b>Power supply</b>	
Operating Voltage: 5 $\pm$ 0.2VDC	
<b>Power consumption</b>	
< 1.75W	

<b>Dimensions</b>	
101x40x16mm   3.98×1.57×0.63in	
<b>Weight</b>	
< 35g(0.08lbs)	
<b>Humidity</b>	
Operation humidity	5% - 95% (non-condensing)
Storage humidity	5% - 95% (non-condensing)
<b>IP rating</b>	
IP32	
<b>Temperature</b>	
Working temperature	-10°C to 45°C   14°F to 113°F
Storage temperature	-40°C to 70°C   -40°F to 158°F

## Software Function

<b>Support System</b>	
Windows (Win7/Win8/Win10); Mac (Mac OS 10.10 or above); Linux; Chrome OS	
<b>Language</b>	
English	
<b>Driver</b>	
Plug & Play , no driver installation	
<b>Management</b>	
Web UI	

## Certificaiton and Environment Compliance

<b>Environment Compliance</b>	
Protection rating: EN60529: IP65; Shock: IEC60068-2-27; Free Fall: IEC60068-2-32; Vibration: IEC60068-2-6	