

SPECIFICATION OF 4G MIFI

1. Model No. TS- MS6121



2. Brief

TS-MS6121 is Designed and Developed by TENSUN inside out. PCBA layout, firmware development, and ID design are all original. Both field test and www.speedtest.net test show us the magnificent performance. **WI-FI network support up to 10 users online simultaneously.**

***LTE-Advanced**

***Enhanced MIMO**
1.44 inch screen

3. Specification

◇ Basic	
	Item
* Model	4G LTE-A MIFI Router
*Platform	Sanechips7520+Realtek8189
* MP Time	2017/5
* Mode/Band	TDD-LTE: B38/40/41(optional) FDD-LTE: B1(B4)/B2/B3/B5/B7/B8/B28A(B12.B17)/B28B(B13.B14.B20)(optional) WCDMA:B1/B2/B5/B8(optional) GSM Quad Band
* Type	Portable hotspot device with 1.44 inch screen
* Battery	Lion battery:2100mah
*System memory	EMMC 4GB+LPDDR2 512MB
* Size(mm)	99mm*58.23mm*14.5mm
* Weight	about 50g (without battery)
◇ HW Description	
* Air interfaces	<ul style="list-style-type: none"> ✓ GSM/GPRS/EDGE:DTM (simple class A), multislots class 12 ✓ TD-SCDMA: <ul style="list-style-type: none"> R5 1.28 TDD-HSDPA 2.8 Mbps DL R7 1.28 TDD-HSUPA 2.2 Mbps UL R8 1.28 TDD-HSPA+ 4.2 Mbps DL / 2.2 Mbps UL ✓ UMTS:

	<p>R99 384 kbps DL / UL</p> <p>R5 HSDPA 7.2 Mbps DL</p> <p>R6 HSUPA 5.76 Mbps UL</p> <p>R7 HSPA+ 21 Mbps DL / 5.76 Mbps UL</p> <p>R8 DC-HSPA+ 42 Mbps DL / 5.76 Mbps UL</p> <p>√ TDD-LTE:R10 Cat4 150 Mbps DL / 50Mbps UL</p> <p>√ FDD-LTE:R10 Cat4 150 Mbps DL / 50Mbps UL</p>
* External memory	√ up to 32GB(Micro-SD)
* Frequency Band	√ 2.4GHz
◇ SW Description	
* Wi-Fi	<p>√ 802.11b/g/n up to 150Mbps</p> <p>√ Modes supported:802.11b mode</p> <p style="padding-left: 40px;">802.11g only mode</p> <p style="padding-left: 40px;">802.11n only mode</p> <p style="padding-left: 40px;">802.11b/g only mode</p> <p style="padding-left: 40px;">802.11b/g/n mode</p> <p style="padding-left: 40px;">802.11n 1x1 (2.4GHz, 20MHz)</p>
* User amount	√ Max to 10
* AP Features	<p>√ Security modes</p> <p>√ Open</p> <p>√ WEP</p> <p>√ WPA-PSK</p>

	<ul style="list-style-type: none"> ✓ WPA2-PSK ✓ WPA-WPA2 Hybrid mode (Mixed Mode) ✓ TKIP-CCMP Hybrid mode (Mixed Mode) ✓ WPS 2.0 ✓ Hidden SSID supported
◇ Interface	
* Antenna	<ul style="list-style-type: none"> ✓ 4G/3G/2G Main antenna ✓ 4G MIMO/3G Rx Diversity antenna ✓ WiFi antenna ✓ Internal
* USB	✓ Micro USB,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
* Button	<ul style="list-style-type: none"> ✓ Power:YES ✓ WPS:NO ✓ Reset:YES
◇ Other Description	
◇ Electrical performance spec	
* RF Power Spec	<p>Class 3 for UMTS/HSPA/LTE;</p> <p>Class 4 for GSM 850/900;</p> <p>Class 1 for GSM 1800/1900;</p>

	Class E2 for EDGE 850/900/1800/1900
* Power supply input	Yes 3.4-4.2 V
* Charge input	5V-1A
◇ Environmental reliability test condition	
* Normal Operation	0°C to +45°C
* Restricted Operation	-10°C to +55°C
* Storage	-20°C to +70°C
◇ Compliance	
* ROHS	Customization
* JATE	Customization
* TELEC	Customization
* PSE	Customization
* others	Customization