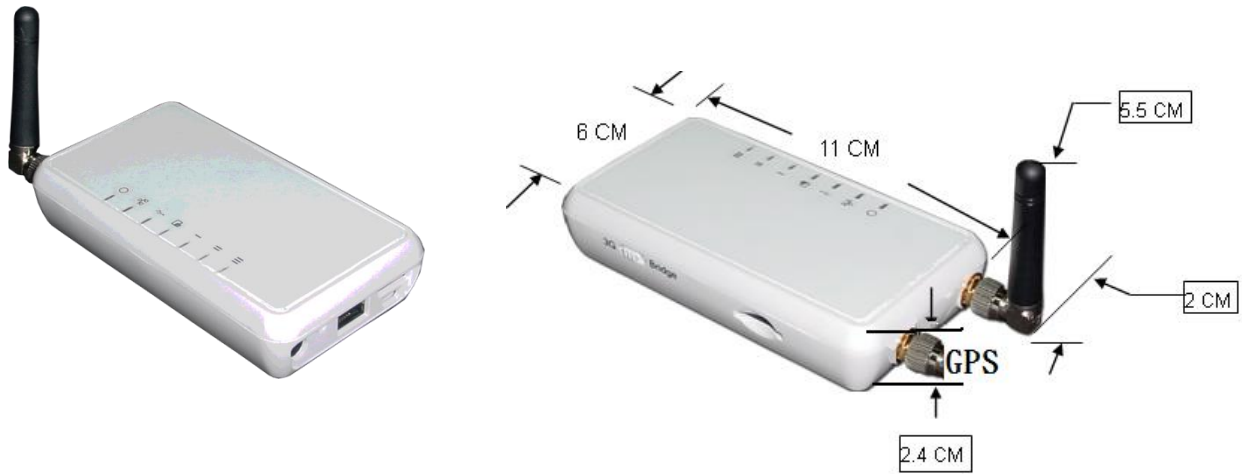


4G/LTE Super Modem III.1.1 (LTE Wireless Router with Router / Bridge Mode)

Model: SM_III.1.1_EC25 (LTE module could be changed as request)



4G/LTE Super Modem III.1.1 is a LTE Modem built in 11n WiFi with Ethernet Port which is switchable for Router mode and bridge mode over PPPoE.



Application Example

CPU: MT7620

General Features

- 4G internet access
- WiFi access point (with hidden antenna)
- GPS (Global Positioning System) (option)
- 4G bridge mode (option)
- Using external BT dongle as as PAN / SPP (option)

Cellular Specification

Please refer to the specifications for EC25.

Approvals

Carrier:

Vodafone (Global)

Deutsche Telekom/Telefónica (Europe)

Verizon/AT&T/T-Mobile (North America)

Rogers/Bell*/Telus* (Canada)

SKT/KT*/LGU+* (South Korea)

NTT DOCOMO/SoftBank/KDDI (Japan)

Regulatory:

GCF (Global)

CE (Europe)

FCC/PTCRB (North America)

IC (Canada)

Anatel (Brazil)

KC (South Korea)

NCC (Taiwan)

JATE/TELEC (Japan)

RCM (Australia/New Zealand)

FAC (Russia)

NBTC (Thailand)

ICASA (South Africa)

Wi-Fi Specification

Output Power (Wi-Fi)

- 802.11n:11 dbm
- 802.11g:13 dbm
- 802.11b:15 dbm

Sensitivity (Wi-Fi):

- 802.11n : -68 dBm
- 802.11g : -68 dBm
- 802.11b : -85 dBm

Wi-Fi Frequencies

- 2,4 - 2,462 GHz, CCK / OFDM (Modulation Range Coverage)

Wi-Fi Distances

- Indoor: approximately 30 to 50 meters
- Outdoor: 80 to 100 meters

Compatibility

- IEEE 802.3 10 Base-T Ethernet
- IEEE 802.3u 100 Base-TX Fast Ethernet
- IEEE 802.3x Flow Control
- IEEE 802.11 b/g/n Wireless

Mechanical

- Plastic Housing with External Connectors
- Dimension (L x W x H): 110 x 60 x 24 mm
- Weigh: 260g
- Operating Temperature : -10°C a +55°C
- Storage Temperature : -20°C a +60°C
- Storage Humidity : 5% to 85% of relative humidity (with no condensation)

Connection Interfaces

- LAN Ethernet Interface 10/100 Base-TX, connector RJ-45
- SMA Connector for external 3G/4G antenna (50 Ohm - option for internal 4G antenna)
- SMA Connector for external GPS antenna
- Internal Sim Card Reader: Chip SIM CR 3.0V, 1.8V .

Firewall

- IP and MAC Filter
- Virtual Server and DMZ
- NAT (Network Address Translation)
- PPTP pass-through

Communication Protocols

- IP, NAT, DHCP, PAP, CHAP, PPP, TCP, UDP, HHTP, NTP.

AC-DC Power Adapter

- Input: 90 to 240 VAC / 0,3A
- Frequency: 50/60 Hz
- Output: 8 VDC / 1 A

DC Input

- Input Voltage Range: 6 to 12 VDC
- Input Power: 8 W

OS

- Windows 7, Vista, XP, 2000, NT, ME, 98,95, MAC and Linux.

Packing List

- 1 Super Modem III.1.1
- 1 Cellular Antenna - 3dBi SMA
- 1 AC-DC Power Supply
- 1 Ethernet Cable (1 meter)
- 1 GPS Antenna (option)

***Specifications are subject to change without notice**