XM220B

4G WIRELESS LTE ROUTER

Product introduction:

XM22B 4G wireless router uses the ZX297520V3 chipset to design an integrated wireless solution for small office and high-end home users.Energy-saving modes, standard modes, and through-wall modes can be intelligently defined through the RF options on the front page.

MIMO technology is used to provide better wireless transmission performance, stability, and wireless coverage.

Support 64/128-bit WEP encryption, 128 bit WPA standard encryption (TKIP/AES),.

Support multiple SSID simultaneous broadcast, is your preferred device for wireless Internet access.

Product Features:

※ **Support TDD-LTE, FDD-LTE**

※ **Support 3GPP Release 9 compliant**

※ **Support 1TX/2RX**

※ **Support UE Category 4**

※ **Supports QoS service flow initiated by CPE**

※ **Supports Dynamic Host Configuration Protocol**

※ **Built-in web server for web-based configuration**

※ **Password protected access and configuration**

※ **Supports IEEE 802.3, IEEE 802.3u**

※ **USIM Slot**

Software/function:

※ **Support user name password login**

※ **Support for bilingual backstage**

※ **Supporting wireless and wired broadband modes**

※ **Support roaming data limitation**

※ **Support for viewing wireless connection devices**

※ **Support for WPS**

※ **Support for closing SSID**

※ **Supporting firewalls**

※ **You can use port filtering/mapping/forwarding/UPnP/DMZ**

※ **Background support to restore factory settings/restart**

※ **Support for changing SSID name and password**

※ **Support for automatic dialing**

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Hardware

Model	XM220B
Chipset	MTK7628nn* ZX297520V3
Dimension (L × W × H)	200mmX145mmX48mm
RAM/ROM	16M/128M
Frequency Band	Scientific customization according to customer needs
Channel Band Width	1.4/5/10/15/20 MHz (Other BW can be supported by SW configuration)
Ethernet LAN port	5x RJ-45 port （10BaseT/100BaseTX with Auto-MDIX IEEE 802.3/802.3u) for WAN/LAN Auto
Channel Step Size	100kHz
Output Power optional	23dBm
LED Indicators	Power/System WIFI / WAN/LAN Modem: 3G with blue,4G with green.
Power supply	Power Jack,DC 12V/1A
Button	ResetI
Modulation	UP: QPSK/16QAM DOWN :QPSK/16QAM/64QAM

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Hardware

1：Power led　　　2：Data roaming LED	9：4G signal　　　10：RJ45
3：Super strong signal LED	11：RJ11(Optional)
4:5200mah battery(Optional)	12:External antennas(Optional)
5：Insert SIM card LED	13：USB
6：WI-FI LED　　　7：Short message LED	14：Power　　　15：WPS
8：Network access LED	16: SIM chute

Environmental Specification

Operating temperature	MIN: 0oC　　MAX: 60oC
Storage temperature	MIN: -10oC　MAX: 70oC
Operating humidity	MIN: 5oC　　MAX: 95oC
Storage humidity	MIN: 5oC　　MAX: 95oC

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Software/function	
Restore Factory Settings/Restart	Support
LTE Networking Security	
MTBF	300,000 @ 55 oC
User Name/Password configuration	Ready
Firewall	Ready
Port Forwarding	Ready
DMZ	Ready
WiFi Specification	
Network Name (SSID)	Ready
SSID Broadcast Enable	Ready
802.11 Mode selection	Ready
802.11b	Ready
802.11g	Ready
802.11n – 20MHz 802.11n-40MHz	Ready
802.11b+g+n mode – This is the Factory Default option	Ready
Security	Ready
Open (Unsecured)	Ready
WPA Personal / PSK (TKIP) – ASCII string, 8 to 63 characters in length	Ready

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WiFi Specification	
WPA Personal / PSK (AES) – ASCII string, 8 to 63 characters in length	Ready
System/Debug Utility	
Software reset button	Ready
LED for LTE Link Diagnostic	Ready
System log	Ready
Multil language	Ready

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