

AX3000 Dual Band Wi-Fi 6 VoIP Router

MODEL: EX520v



Overview

EX520v is a high-performance Wi-Fi 6 (802.11ax) dual-band VoIP wireless router with full gigabit ports. Take the Wi-Fi experience to the next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi devices. Perfect for FTTH deployment and a connected home.



AX3000 Dual Band Wi-Fi

Deliver total Wi-Fi speeds up to 3 Gbps (2402 Mbps on 5 GHz, and 574 Mbps on 2.4 GHz) based on 802.11ax Wi-Fi technology.



Gigabit Internet Access

Take full advantage of the broadband with speeds up to 1 Gbps through a Gigabit WAN port and 3 gigabit Ethernet LAN ports for fast and reliable wired connections.



Supports VoIP Calls

Support multiple VoIP accounts and various call features, such as caller ID, call waiting, call holding and call forwarding to surpass traditional landlines.



Easy Remote Management

TR-069 and TR-369 protocols, Aginet app, and TAUC (TP-Link Aginet Unified Cloud) are supported, service providers can manage multiple devices remotely.

Specifications

Hardware

- **Interface**
3× 10/100/1000 Mbps RJ45 LAN Ports,
1× 10/100/1000 Mbps RJ45 WAN Port,
1× FXS Port, 1 USB 2.0 Port
- **Button**
Power On/Off Button, Reset Button, WPS/Wi-Fi Button
- **External Power Supply**
12V/1.5A
- **Dimensions (W * D * H)**
3.9 × 3.9 × 7.5 in (99 × 99 × 190 mm)

Wireless

- **Wireless Standards**
IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz
- **Frequency**
2.4 GHz and 5 GHz
- **Signal Rate**
2402 Mbps at 5 GHz, 574 Mbps at 2.4 GHz
- **Transmit Power**
CE: <20dBm (2.4GHz); <23dBm (5.15GHz~5.35GHz);
<30dBm (5.47GHz~5.725GHz)
- **Wireless Function**
Enable/Disable Wireless Radio, WMM, Wireless
Statistics, Multi-SSID, Guest Network
- **Wireless Security**
WPA/WPA2/WPA3 Personal, WPA/WPA2 Enterprise
- **Wireless Schedule**
Support 2.4 GHz and 5 GHz Wireless Schedule
- **Support EasyMesh**

Others

- **System Requirements**
Microsoft Windows 98SE, NT, 2000, XP, Vista™ or Windows 7, 8,
8.1, 10, MAC OS, NetWare, UNIX or Linux Internet Explorer 11,
Firefox 12.0, Chrome 20.0, Safari 4.0 browser or higher.
- **Certification**
CE, DFS

Software

- **DHCP**
Server, DHCP Client List, Address Reservation
- **Operation mode**
Router Mode
- **WAN Type**
Dynamic IP/Static IP/PPPoE/PPTP/L2TP/Bridge
Multi-EWAN
- **Management**
Local management: WebGUI management, Aginet app management
Remote management: TR-069, TR-181, TR369, TR-111, TR-143
Cloud management: TAUC
- **Port Forwarding**
Virtual Server, Port Triggering, UPnP, DMZ
- **Dynamic DNS**
NO-IP, DynDNS
- **VPN Server**
PPTP, OpenVPN, IPSec
- **VPN Pass-through**
IPSec, PPTP, L2TP
- **Access Control**
Parental Control, Local Management, Host List, White/Black List
- **Firewall Security**
DoS, SPI Firewall, IP and MAC Address Binding
- **Protocols**
Supports IPv4 and IPv6
- **USB Sharing**
Supports Storage/FTP Server/Media Server
- **Multi-SSID**
Up to 3 SSIDs for each band (including main SSID)
- **Support VoIP**

- **Environment**
Operating Temperature: 0°C~40°C (32°F~104°F),
Storage Temperature: -40°C~60°C (-40°F ~140°F)
Operating Humidity: 10%~90% non-condensing
Storage Humidity: 5%~90% non-condensing
- **Package Contents**
AX3000 Dual Band Wi-Fi 6 VoIP Router EX520v
1× RJ45 Ethernet Cable
1× Power Adapter
1× RJ11 Cable
1× Quick Installation Guide