

# AX1800 Dual-Band Wi-Fi 6 VDSL/ADSL Modem Router

MODEL: VX230v



## Overview

VX230v is a dual-band Wi-Fi 6 (802.11ax) DSL modem router with multiple connection options. Take the Wi-Fi experience to next level while being backwards compatible with 802.11a/b/g/n/ac Wi-Fi devices. Perfect for xDSL deployment and a connected home.



### Super VDSL

The latest Super VDSL (VDSL2 Profile 35b) tech delivers internet speeds of up to 350 Mbps, while G.vector technology ensures advanced data transmission stability.



### Versatile Connectivity

Fully compatible with VDSL2/ADSL2+/ADSL2/ADSL standards, support Fiber and Cable connection through Ethernet port, as well as 3G/4G internet services through USB port.



### AX1800 Dual Band Wi-Fi

Deliver total Wi-Fi speeds up to 1.8 Gbps (1201 Mbps on 5 GHz, and 574 Mbps on 2.4 GHz) based on 802.11ax Wi-Fi technology.



### Easy Remote Management

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

## Features



### Cater for Standardized Mesh Technology

EasyMesh is a standard mesh technology developed by Wi-Fi Alliance. VX230v adopts EasyMesh technology, which has further improved and standardized Wi-Fi functions, such as Wi-Fi diagnostics, channel selection and traffic separation.



### MU-MIMO: Efficient Wi-Fi for Every Device

MU-MIMO technology serves multiple devices at once. No more bandwidth congestion or latency. All devices get their data faster and Wi-Fi is used more efficiently.



### Far-Reaching Wi-Fi Coverage

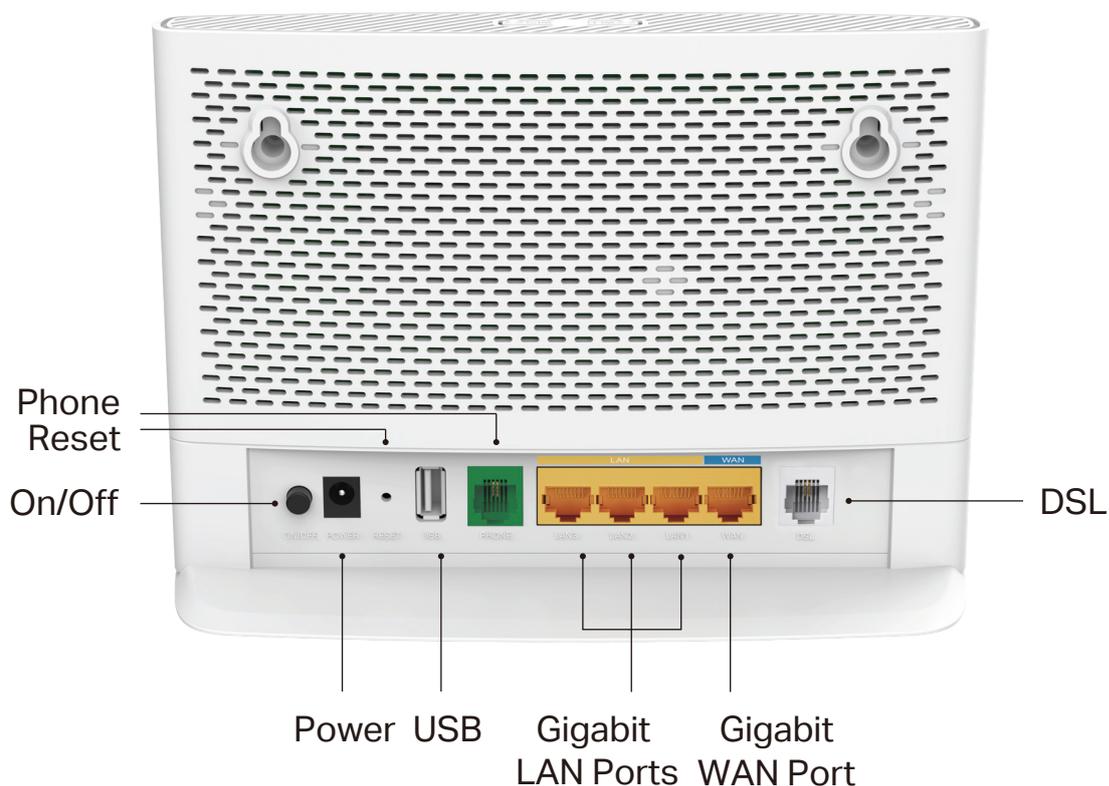
BSS Coloring technology ensure smooth and stable connections by eliminating signal interference probably from your neighbors, while Beamforming delivers stronger and far-reaching network.



### 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.

## Hardware Description



# Specifications

## Hardware

- **Interface**  
3× 10/100/1000 Mbps RJ45 LAN Ports,  
1× 10/100/1000 Mbps RJ45 WAN Port,  
1× DSL Port, 1× FXS Port, 1× USB 2.0 Port
- **Antenna**  
Internal Antennas
- **External Power Supply**  
12V/2A
- **Dimensions (W \* D \* H)**  
7.9 x 5.9 x 2.7 in (199.7 x 148.6 x 67.5 mm)
- **Button**  
Power On/Off Button, Reset Button,  
WPS Button, Wi-Fi Button
- **IEEE Standards**  
IEEE 802.3, IEEE 802.3u, 802.3ab
- **VDSL2 Standards**  
ITU G.993.2, Up to 35b profile, ITU-T G.993.5 (G.vector)  
ITU-T G.998.4 (G.INP)
- **ADSL2+ Standards**  
ITU-T G.992.5
- **ADSL2 Standards**  
ITU-T G.992.3 (G.DMT.bis), ITU-T G.992.4 (G.lite.bis)
- **ADSL Standards**  
Full-rate ANSI T1.413 Issue 2, ITU-T G.992.1(G.DMT),  
ITU-T G.992.2(G.Lite), ITU-T G.994.1 (G.hs),  
ITU-T G.995.1

## Wireless

- **Wireless Standards**  
IEEE 802.11a/n/ac/ax 5 GHz, IEEE 802.11b/g/n/ax 2.4 GHz
- **Mesh Protocol**  
802.11k/v/r
- **Frequency**  
2.4 GHz and 5 GHz
- **Signal Rate**  
1201 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 Security**  
WPA/WPA2/WPA3-PSK
- **Wireless Function**  
Enable/Disable Wireless Radio, WMM, Air Time Fairness,  
Wireless Statistics, MAC Filtering
- **Wireless Schedule**  
Support 2.4 GHz and 5 GHz wireless schedule

## Software

- **DHCP**  
DHCP Client, DHCP Server, DHCP Relay, Address Reservation,  
Condition Pool
- **Protocols**  
Supports IPv4 and IPv6
- **Multi SSID**  
Up to 3 SSIDs for each band (including main SSID)
- **Features**  
VoIP, Parental Control, Firewall, IPSEC VPN, IPv6, Port Forwarding,  
NAT Forwarding, Address Reservation, QoS(Quality of Service),  
CWMP, Network Diagnosis, Traffic Statistic, Cloud upgrade,  
1024-QAM, MU-MIMO, OFDMA, EasyMesh
- **Management**  
Local management: WebGUI management, Aginet app management  
Remote management: TR-069, TR-098, TR-181, TR-369, TR-111,TR-143  
Cloud management: TAUC
- **Security**  
IPv4/IPv6 SPI Firewall, DDoS, Service Filtering, Access Control,  
IP&MAC Binding
- **VPN**  
PPTP, IPSec, OpenVPN
- **USB Functions**  
Samba, FTP, Media Server, 3G/4G Backup
- **NAT Forwarding**  
ALG, Virtual Server, Port Trigger, DMZ, uPnP
- **Dynamic DNS**  
NO-IP, DynDNS, TP-Link DNS
- **VoIP**  
SIP, up to 8 Accounts, Call Logs, Call Rules, DND & Call  
Blocking, Call Forwarding, Voice Mail, T.38

## 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 browsers or higher.
- **Certification**  
CE, DFS
- **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**  
AX1800 Dual-Band Wi-Fi 6 VDSL/ADSL Modem Router VX230v  
1× RJ45 Ethernet Cable  
1× Power Adapter  
1× RJ11 Cable  
1× Splitter  
1× Quick Installation Guide