tp-link | **Aginet**

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.

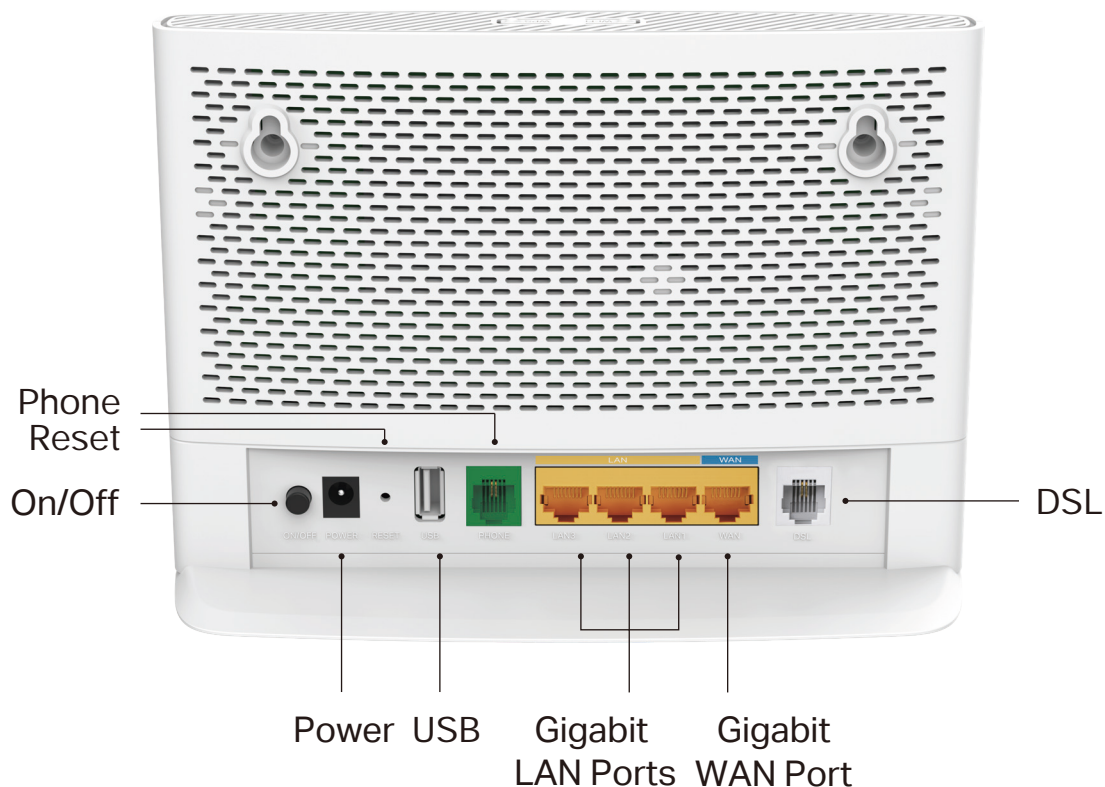### Far-Reaching Wi-Fi Coverage

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

Phone
Reset
On/Off
Power USB Gigabit LAN Ports Gigabit WAN Port DSL

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 browers 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