



ASKEY – RTV7736VW

35b VDSL Home Gateway

To meet growing subscriber's expectations, increasing demand for bandwidth and more connected devices in the home, Askey has developed a new Home Gateway. This new device is cost efficient and reduces time-to-market.

For WiFi connectivity it provides a 802.11b/g/n/ac concurrent 2.4/5GHz wireless LAN interface with speeds up to 2.2 Gbps.

It supports 3x3 for 2.4 GHz and 4x4 for 5 GHz and is fully compatible for the next generation features required for video and multimedia streaming over WiFi.

For home and office users, 4 Giga Ethernet ports are available to enjoy the benefits of 35b VDSL. 2 USB ports allow users to turn any supported USB device into a networked device.

Besides, two Foreign eXchange Station (FXS) port is supported for VoIP application

This new 35b VDSL Home Gateway supports bonding technology to provide users with more speed and to allow them to get the very best of their devices.

It's an ideal choice to delight gamers, AR/VR addicts and users who want a superior internet connection.

4-GE LAN | 1-GE WAN | SFP | DECT | ZigBee

xDSL Support Modes

- ADSL G992.1 Annex B according to ITU-T G992.1
- ADSL2 G992.3 according to ITU-T G992.3
- ADSL2+ G992.5 Annex B according to ITU-T G992.5
- ADSL2+ G992.5 Annex J according to ITU-T G992.5
- VDSL2 ITU-T G993.2 Annex B

Supported Profiles/PSD Masks

- 8b / 998-M2x-B (B8-6)
- 17a / 998E17-M2x-B (B8-8)
- 17a / 998E17-M2x-B (B8-9)
- 17a / 998ADE17-M2x-NUS0-M (B8-10)
- 17a / 998ADE17-M2x-B (B8-12)
- 30a / 998E30-M2x-NUS0 (B8-13)
- 30a / 998E30-M2x-NUS0-M (B8-14)
- 30a / 998ADE30-M2x-NUS0-M (B8-15)
- 30a / 998ADE30-M2x-NUS0-A (B8-16)

WAN

- IPv4 and IPv6
- VLAN
- DHCPv4 and DHCPv6
- DNSv4 and DNSv6
- QoS Tagging: DSCP and TOS tagging

LAN Networking Support

- IPv4 and IPv6
- DHCPv4 and DHCPv6
- DNS Proxy
- Dynamic DNS Client
- Firewall
- LAN-2-LAN Networking/LAN-2-WAN Forwarding/Port Forwarding
- NAT-PT (Network Address Translation – Port Translation)
- ALG (Application Level Gateway)
- VPN Passthrough
- VPN Client

Advanced Services

- IPTV Service on IPv4 as well as IPv6
- IGMP
- USB: Mobile Backup
- Parental Control
- URL Filter
- WiFi Scheduler
- Power Save Mode
- NTP

USB

- USB Printer
- USB Storage Devices
- USB Storage User Access Control
- File Transfer Protocol (FTP) Server
- SMB Share Server
- UPnP / UPnP Internet Gateway Device (IGD)
- DLNA (Digital Living Network Alliance)

WiFi

- 2.4G Wi-Fi: 3x3 11 b/g/n
- 5GHz Wi-Fi: 4x 4 11ac/a
- Dual Band
- WPS PBC
- Air-Time Fairness
- File Transfer Protocol (FTP) Server
- ACS
- DFS
- Wi-Fi Subnet

Telephony (VoIP)

- Echo Canceller
- DTMF Detection
- Voice Activity Detection
- Comfort Noise Generation
- Packet Loss Concealment
- Call Management
- Call Waiting
- Call Hold
- 3 Party Conference
- Call Transfer
- Call Forwarding
- Identification

DECT – CAT-iq 2.0 certified

- DECT Activation and Deactivation
- Registration
- Paging
- Codec Support (G.722 for wideband and G.726 for narrowband)
- Phonebook Functionality
- Voice Message Notification
- Missed Call Notification
- Date and time synchronization
- Calling Line Identification (CLIP)
- Calling Name Identification (CNIP)
- Call Lists
- SUOTA

Management

- Save / Restore Configuration
- Remote Maintenance Service
- ACS remote management
- CWMP Client Functionalities

Interface

- 1x RJ-11 port for VDSL connection
- 1x RJ-45 port For GE WAN
- 1x SFP module
- 4x RJ-45 ports For GE LAN
- 1x USB3.0 Jack
- 1x USB2.0 Jack
- 2x RJ-11 ports for FXS
- 1x Power Switch
- 1x WPS Button
- 1x Reset Button
- DECT 6.0 support
- ZigBee support

Regulatory Approvals and Compliance

- FCC part 15 Class B, CE UL, CB or LVD ROHS

Power & Operational Environment

- Input 100-240VAC±10%
- Output 12VDC 2.5A
- Temperature: 0 to 40°C (32 to 96°F)
- Humidity: 20% to 90% (non-condensing)

Dimensions

- 265mm x 94.7mm x 195.5mm



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