

ADSL/VDSL

4 Ethernet Port | VoIP | 802.11n | 2T2R | USB Host

VI-3202u Wireless DSL IAD



The VI-3202u is a high-speed DSL IAD. It provides one xDSL interface, four FE LAN, one GE WAN (optional), two USB host 2.0 interfaces (optional) and two 2.4G internal WiFi antennas. The Ethernet and WiFi are used for connecting to computers, through which you can access the Internet. The WiFi interface supports 802.11n 2.4GHz band. It is an ideal broadband CPE solution for both home users who wish to share high-speed Internet access and small offices that wish to do business on the Internet.

FEATURES

- **ADSL Features :**
 - ITU-T G.992.3 ADSL2, G.992.5 ADSL2+
- **VDSL Features :**
 - ITU-T G.993.2 VDSL2
 - Supports 8a,8b,12a,12b,17a profiles
 - Supports ATM and PTM
- **Protocol Features:**
 - RFC 2684 multiprotocol encapsulation over ATM adaptation layer 5
 - RFC 2364 PPP over ATM ALL5 (PPPoA)
 - RFC 2516 PPP over Ethernet (PPPoE)
 - RFC 1577/2225 classical IP and ARP over ATM (IPoA)
 - MER (a.k.a IP over Ethernet over AAL5)
 - Supports ALG (Application Level Gateways)
 - ITU G.992.5 (ADSL2+)
 - ITU G.993.2 (VDSL2)
 - IEEE802.3
 - IEEE 802.11n
- **Routing Features :**
 - Supports IP routing
 - Supports transparent bridging
 - Supports source and destination routing
 - Supports DHCP server/client
 - Supports UPnP
 - Supports NAT, NAPT
 - Supports DMZ
 - Supports IP QoS

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SPECIFICATIONS

System Specifications

- Chipset : BCM63381+BCM6303+BCM43217+BCM50212
- DRAM : DDR 128MB
- Flash : 32MB
- Wi-Fi : 2.4GHz BCM43217, 802.11b/g/n, 2T2R
- Voice : LE9642 (2FXS)

HW interface

- External Connectors :
 - 1 x DSL interface
 - 2x FXS
 - 4 x RJ45 LAN Ethernet interfaces 10M/100M
 - 1 x 10M/100M/1000M WAN Interface (optional)
 - 2 x USB 2.0 host (optional)
 - 1 x reset button
 - 1 x WPS button
 - 1 x WLAN button
 - 1 x power jack
 - 1 x power switch

Management

- Device Configuration, Management and Update
- Web based GUI
- Command Line Interface via serial port, telnet
- Universal Plug and Play (UPnP) Internet Gateway Device (IGDv1.0)
- WAN Management Protocol (TR-069)

Security

- Three-level login including local admin, local user, and remote technical support access
- Service access control based on incoming interface: WAN or LAN
- Service access control based on source IP addresses
- Protect DOS attacks from WAN: SYN flooding, IP surfing, ping of Death, fragile, UDP ECHO (port 7), teardrop, land
- PAP (RFC1334), CHAP (RFC1994), MSCHAP for PPP session
- IP filter, Parental control

Wireless Features

- Standard : IEEE802.11b/g/n
- Wireless data rate : HT20: up to 150 Mbps
HT40: up to 300 Mbps
- Security : 64-bit, 128-bit WEP, AES, TKIP, WPA, WPA2, 802.1x

VoIP Protocol

- RFC 2617 : HTTP Authentication; basic and digest access authentication
- RFC 2833 : RTP payload for DTMF digits, telephony tones and telephony signals
- RFC 3261 : SIP: Session Initiation Protocol
- RFC 3262 : Reliability of provisional responses in the Session Initiation Protocol (SIP)
- RFC 3263 : Session Initiation Protocol (SIP): Locating SIP servers
- RFC 3264 : Offer/answer model with Session Description Protocol (SDP)
- RFC 3265 : SIP specific event notification
- RFC 3311 : The Session Initiation Protocol UPDATE method
- RFC 3323 : A privacy mechanism for the Session Initiation Protocol SIP, For further information see the CLIP/CLIR/CNIP/CNIR document.
- RFC 3325 : Private extensions to the Session Initiation Protocol (SIP) for asserted identity within trusted networks
- RFC 3515 : The Session Initiation Protocol (SIP) - refer method
- RFC 3842 : A message summary and message waiting indication event package for the Session Initiation Protocol (SIP)
- RFC 3891 : The Session Initiation Protocol (SIP) "replaces" header
- RFC 3960 : Early media and ringing tone generation in the Session Initiation Protocol (SIP)
- RFC3959 : The early session disposition type for the Session Initiation Protocol (SIP)
- RFC 4028 : Session timers in the Session Initiation Protocol (SIP)
- T.38 : Procedures for real-time Group 3 facsimile communication over IP networks

Environment Requirement

- Operating temperature : 0°C—45°C
- Storage temperature : -20°C—70°C
- Operating humidity : 10%—95%, non-condensing
- Storage humidity : 5%—95%, non-condensing
- Power supply : 12VDC, 1.5 A
- Consumption : 15 W (including power Adapter)

EMC and Safety

- Regulation compliance : CCC Class B
CE
- Safety regulations : UL
- Green standard : RoHS

Physical Characteristics

- Physical dimensions : 190x140x30



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