

ADSL2+ /VDSL2

Multi DSL | Giga Ethernet Port | VoIP | WiFi 11n&11ac | USB Host

VI-3205u

Wireless VoIP IAD



Comtrend's VI-3205u is a Multi-DSL wireless IAD using the updated silicon platform that not only provides both ADSL and VDSL but also supports 5 Giga Ethernet ports. It supports WLAN 802.11n 2.4GHz frequency band and 802.11ac 5GHz Frequency band. Therefore, VI-3205u is designed for high speed applications and is suitable for triple play services.

VI-3205u has 1 or 2 USB2.0 host ports for printer server, 3G dongle, HDD, SAMBA and DLNA.

It also has two FXS ports for the VoIP service. In addition, VI-3205u follows TR-068 on LED indication and connectors, which can create a friendlier interface for the user to easily identify the status of VI-3205u.

FEATURES

- Multi-DSL VoIP and Router Integrated
- Supports both ADSL2+ and VDSL2 (up to 17a Profile)
- Automatically switches to ADSL2+ /VDSL2 according to the port setting of DSLAM
- IP QoS
- UPnP
- Integrated 802.11 b/g/n AP
- WAP and 802.1x
- Supports QoS (Quality of Service) for voice
- Supports caller ID display and restriction
- Supports call hold, call waiting, call forwarding, call transfer, 3-way conference
- Supports direct number dialing
- Supports T.38
- Supports VPN Pass-Through
- Supports day-time parental control
- Supports TR-069/TR-098/TR-104/TR-111
- Supports remote administration

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SPECIFICATIONS

User Interface:

- Ethernet LAN: Four RJ-45 Ports (8p8c, Yellow color, unshielded)
10/100M/1000Mbps GE
N-way, Automatic speed negotiation supported.
Auto-sensing, auto-detection MDI/ MDI-X
- WAN: One RJ45 PORT (optional)
- DSL Line: One RJ-11(6p2c), Gray color
- USB: One USB connector (Two optional)
- One Reset button
- Power Jack: DC power jack, 12V/2A input
- One On/Off switch
- One WPS button
- One on/off WiFi button
- Five Internal Wireless Antennas (2.4G*2 · 5G*3)

Key Components / Connectors / Performance

- VDSL2 Chipset: BCM63167
- VDSL2 Lined driver: BCM6303
- WiFi Chipset: Internal+BCM43602
- Flash Memory: 128MB
- SDRAM for CPU: 256MB DDR3
- Console: Internal console port (4 pin)
- ITU-T K.21: Compliant

Interfaces (TR-068 compliant)

- LAN:
4x 10/100/1000Base-TX MDI/MDIX RJ-45 ports
Compliant with the following standards:
 1. IEEE 802.3/802.3u
 2. Hardware based 10/100/1000, full/half, flow control auto negotiation
 3. Non-blocking wire speed reception and transmission
 4. Full duplex IEEE 802.3x flow control and half duplex back-pressure flow control
 5. Broadcast storm protection
 6. Automatic address learning, address aging and address migration
 7. Integrated address Look-Up Engine, 1 K absolute MAC addresses supported
- WAN:
1x 10/100/1000Base-TX MDI/MDIX RJ-45 port (optional)
Compliant with the following standards:
 1. IEEE 802.3/802.3u
 2. Hardware based 10/100/1000, full/half, flow control auto negotiation
 3. Non-blocking wire speed reception and transmission

- DSL Line:
1x inner pair RJ-11 VDSL2 port
Data Rate:
Downstream: Max up to 100Mbps
Upstream: Max up to 60Mbps
Compliant with xDSL Standard
ITU-T G.993.2 (VDSL2)
Supports VDSL2 band plan: 997 and 998
Supports VDSL2 profiles: 8a, 8b, 8c, 8d, 12a, 12b, 17a
Supports Annex A, B
- WiFi:
Simultaneous Wi-Fi 2.4 & 5GHz
At least 4 SSIDs
Standards:
IEEE 802.11 b/g/n 2.4GHz (Up to 300 Mbps data rate)
IEEE 802.11 ac 5GHz (Up to 1300 Mbps data rate) Conductive
Power:
<20dBm at 2.4GHz
<20dBm at 5GHz
Antenna:
Internal Antenna at 2.4GHz, Internal Antenna at 5GHz
Wi-Fi Transmitters/Receivers (Tx/Rx)2x2 (2.4GHz) + 3x3 (5GHz)
MIMO Antenna
Omni directional at least 3dBi gain/antenna for 2.4GHz
Omni directional at least 3dBi gain/antenna for 5GHz

Environment

- Operating Temperature: 0°C ~45°C (32°F ~113°F)
- Storage Temperature: -20°C ~70°C (-40°F ~158°F)
- Operating Humidity: 0 to 95% RH
- Storage Humidity: 0 to 95% RH



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