

# ADSL2+/VDSL2

4 Ethernet Port | VoIP | WiFi | USB Host

## VI-3230u

# Wireless VoIP IAD



VI-3230u is a Multi-DSL wireless IAD using the latest BCM 63168V that not only provides both ADSL and VDSL but also supports 4 Ethernet ports. One of 4 Ethernet ports can support LAN as WAN function which becomes Access Point by Software setting. It also supports WLAN 802.11n 2.4GHz frequency band. Therefore, VI-3230u is designed for high speed applications and is suitable for triple play services.

VI-3230u has 1\*USB2.0 host port for printer server, 3G dongle, HDD, and future DLNA connectivity. It also has two FXS ports for the VoIP service. In addition, VI-3230u will follow TR-068 on LED indication and connectors, which can create a friendlier interface for user to easily identify different status of VI-3230u

## 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
- RADIUS client
- IP/MAC address filtering
- Static route/RIP/RIP v2 routing functions
- IGMP Proxy and fast leave
- DHCP Server/Relay/Client
- 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, automatic firmware upgrade and configuration
- User Friendly Color connections

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## SPECIFICATIONS

### Hardware

- RJ-11 X1 for ADSL2+/VDSL2,
- RJ-45 X 4 for LAN,
- FXS X2
- Reset Button X 1,
- WPS & Wi-Fi On/Off button X 1
- Wi-Fi Antennas X 2
- Power switch X 1
- USB Host X 1

### WAN

- ADSL standard  
ITU-T G.992.5, ITU-T G.992.3, ITU-T G.992.1, ANSI T1.413  
Issue 2, AnnexM
- ADSL2+:  
Downstream : 24 Mbps Upstream : 1.3 Mbps
- VDSL2 standard  
ITU-Y G.993.2 (supporting profile 8a, 8b, 8c, 8d, 12a, 12b, 17a)
- VDSL2  
Downstream : 100 Mbps Upstream : 60 Mbps

### LAN

- IEEE 802.3, IEEE 802.3u
- 10/100 BaseT auto-sense
- Support MDI/MDX

### WLAN

- IEEE 802.11n draft, backward compatible with 802.11g/b
- 64, 128-bit Wired Equivalent Privacy (WEP) Data Encryption
- 11 Channels (US, Canada)/ 13 Channels (Europe)/ 14 Channels (Japan)
- Up to 300 Mbps data rate  
MAC address filtering, WEP, WPA, IEEE 802.1x  
10, 25, 50, 100mW @ 22MHz channel bandwidth output power  
level can be selected according to the environment

### ATM Attributes

- RFC 2364 (PPPoA), RFC 2684 (RFC 1483) Bridge/Route;  
RFC 2516 (PPPoE); RFC 1577 (IPoA)
- Support 16 PVCs
- AAL5
- UBR/CBR/VBR
- UNI 3.1/4.0
- OAM F4/F5

### Management

- SNMP, TR-069/TR-098/TR-104/TR-111, SNMP, Telnet,  
Web-based management, Configuration backup and  
restoration. Software upgrade via HTTP, TFTP server, or FTP  
server.

### Bridge Functions

- IEEE 802.1d
- VLAN support
- Spanning Tree Algorithm
- IGMP Proxy

### Routing Functions

- Static route, RIP, and RIPv2, NAT/PAT, DHCP Server/DHCP  
Relay, DNS Proxy, ARP

### Security Functions

- PAP, CHAP, TCP/IP/Port filtering rules, Port  
triggering/Forwarding, Packet and MAC address filtering,  
access control, SSH

### QoS

- L3 policy-based QoS, IP QoS, ToS

### Voice Functions

- SIP: RFC 3261
- MGCP: RFC 3435
- Codec: G.711, G.723.1, G.726, G.729ab
- RTP: RFC 1889
- SDP: RFC 2327
- Caller ID: ETSI based
- Life line/ Emergency call
- Echo cancellation: G.168
- Silence suppression

### Power Supply

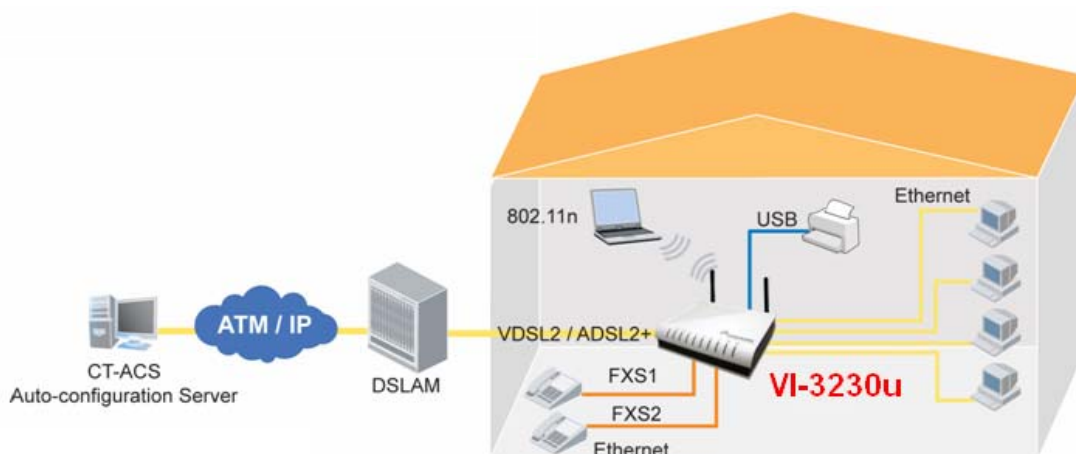
External power adapter: 12VDC/ 1.5A

### Environmental Conditions

- Operating temperature: 0 ~ 40 degrees Celsius
- Relative humidity: 5 ~ 95% (non-condensing)

### Dimensions

- 206mm(W) X 46mm(H) X 160mm(D)



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