

ZYXEL



VMG8623-T50B Dual-Band Wireless AC/N VDSL2 IAD

Specifications

System Specifications

Wireless Standard

- 802.11 b/g/n/ac 2.4 GHz, data rate 300 Mbps
- 802.11 a/n/ac 5 GHz, data rate 867 Mbps

Router/Bridge Features

- IEEE 802.1D transparent bridge & basic spanning tree
- PPPoE (RFC 2516)
- PPPoA (RFC 2364)
- MAC encapsulation routing/IPoE
- Network Address Translation (NAT)
- NAT virtual server (port forwarding)
- DHCP client/server/relay with DHCP option 60/61/125
- DNS proxy/dynamic DNS
- Static/Policy route
- IGMP v1, v2, v3
- IPv4/IPv6

Wireless

- Wireless Protected Setup (WPS)
- WMM
- WPA2/WPA2-PSK with TKIP & AES
- Security type
- Multi SSID: up to 4
- MU-MIMO support

VLAN/QoS

- 802.1Q VLAN tagging/un-tagging
- Support flexible traffic classification

Firewall & Security

- Generic packet filter
- DoS attack prevention
- Parental control

Management

- Web/HTTP: 2 level log-in via SSH
- Firmware upgrade via web/TR-069 RPC method
- Configuration backup/update/restore default via Web
- DSL forum TR-069, TR-111 and TR-181
- Rom-D support
- UPnP port forwarding rules on page

VoIP

- Section Initiating Protocol (SIP), RFC 3261
- Codec: G.711 a/μ (64K), G.726 (32K), G.722.G.729
- G.168 echo cancellation
- Fax/modem detection and pass-through
- Voice Active Detector (VAD)
- Comfort Noise Generator (CNG)
- Dynamic jitter buffer
- DTMF detection and generation
- DTMF relay by in-band and out-of-band (RFC 2833, SIP Info)
- SIP account (URL type included)
- On hook, off hook and flash detection
- Caller ID
- Call forwarding (No condition, busy, no answer)
- Call transferring
- Call hold/Call retrieve
- Three way conference
- Call waiting
- DNS SRV

VDSL

- G.993.2 VDSL2, Band 997, 998, Over POTS
- Support VDSL profiles: 8a/b/c/d, 12a/b, 17a, and 35b
- G.vector

ADSL

- G.992.1 (G.dmt)
- ANSI T1.413 compliant
- G.992.3 (ADSL2)
- G.992.5 (ADSL2+)
- G.INP support

Hardware Specifications

- WAN: one 10/100/1000 Mbps
- Ethernet port RJ-45
- Wireless:
 - Two internal antennas (2.4 GHz)
 - Two internal antennas (5 GHz)

Interface Description

- Ethernet: four 10/100/1000 Mbps
- Ethernet ports RJ-45 (8P8C)
- USB: one USB 2.0 host
- FXS: two RJ-11
- DSL: one RJ-11

Button

- One Power on/off button
- One reset button
- One WPS on/off button
- One WLAN on/off button

Status LEDs Indicators:

- Power
- WAN
- Internet
- LAN
- WLAN-2.4G/WPS
- WLAN-5G/WPS
- Phone

Power Consumption

- 12 V DC/ 1.5 A

Environmental Specifications

Temperature:

- Operating: 0°C to 40°C
- Storage: -30°C to 70°C

Humidity:

- Operating humidity: 10 to 90% RH (Non-condensing)
- Storage humidity: 10 to 95% RH (Non-condensing)

Physical Specifications

- Item dimensions : 220 x 153 x 35 mm (8.66" x 6.02" x 1.38")
- Item weight : 325 g (0.67 lb.)

Certification

- Safety: NOM
- WiFi Certification

Package Content

- DSL splitter
- Power adapter
- RJ-11 cable
- Quick start guide
- Flyer

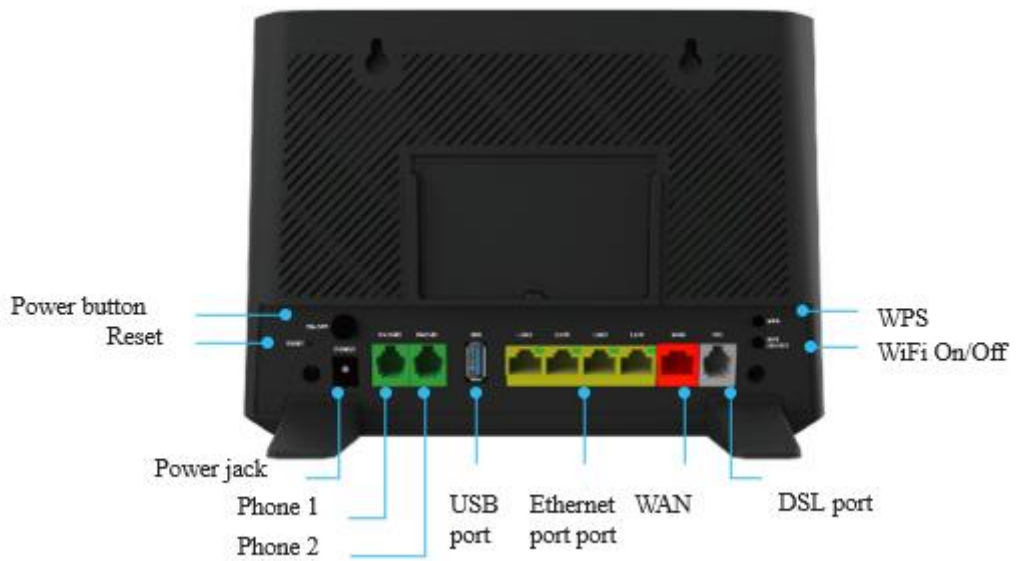
* The maximum wireless data is derived from IEEE Standard 802.11 specifications. Actual data transfer rate will vary from network environment including: distance, network traffic, building site materials/construction, interference from other wireless devices, and other adverse conditions.

Interface description

Front Panel



Rear Panel VMG8623-T50B



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