VDR-5TGX-WNAC-2FSB62 VDSL VoIP Gateway

CXR Networks

17a Profile 17a

802.11ac

Quintuple LAN

USB HOST

VoIP

Dual Bands | WPA/WPA2 | QoS | Gigabit | VDSL2 ADSL2+ Fallback | IPv6 | WPS Security | Firewall
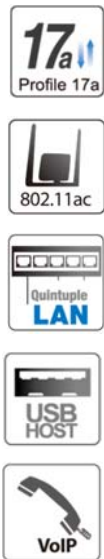
VDR-5TGX-WNAC-2FSB62 Highlights:

➤ **VDSL2 fall back:** Falling back to ADSL2/2+ automatically

➤ **High Speed:** Downstream rates up to 100Mbps and upstream rates up to 50Mbps

➤ **11AC1600Mbps Wi-Fi:**5 external antennas to deliver the best wireless signal, connect everything in your home and office in one device

➤ **VoIP function:** 2 FXS ports helps users save phone bills by making phone calls over the Internet, with easier VoIP telephony management -- caller ID, call waiting/holding/forwarding, 3-way conference calls and voice mail, free communications by easily dialing an extension number

➤ **5 Gigabit Ports Switch:** Extend the LAN to more devices and further distance allow up to 10 x higher speed

➤ **1 USB2.0 Ports:** Printers, files and media can be shared with computer or using the device'sFTP server

➤ **Operating distance:** up to 1KM(VDSL mode), up to 6.5KM(ADSL mode)

➤ **Dual WAN:** One of the LAN ports can be configured as WAN port to make the Modem Router work as Wireless Router mode

➤ **WPS Button:** Instant connection to wireless network safely

➤ **TR-069:** Manage settings and updates remotely from any end equipment

➤ **Compatibility:** Interoperable with all major DSLAM equipments

➤ **QOS:** Quality of Service control for traffic prioritization and bandwidth management

➤ **Simple set up with GUI**: GUI makes installation easier and faster

➤ Specifications

BASIC	
IEEE Standards	IEEE 802.3, 802.3u, 802.3ab
VDSL/VDSL2 Standards	ITU-TG.993.1(VDSL) ITU-T G.993.2(VDSL2) (Profile 8a, 8b, 8c, 8d, 12a,12b,17a)
ADSL Standards	Full-rate ANSI T1.413 issue 2 ITU-T G.992.1 (G.dmt), supporting Annex A or B ITU -TG.992.2 (G.lite), supporting Annex A or B
ADSL2 Standards	ITU-T G.992.3 (G. dmt.bis), supporting Annex A or B, Annex L and Annex M ITU-T G.992.4 (G.lite.bis), supporting Annex A or B
ADSL2+ Standards	ITU-T G.992.5,supporting Annex A or B, Annex L and Annex M
Speed	Downstream: up to 100Mbps; Upstream: up to 50Mbps
Operation Modes	VDSL/ADSL Modem, Wireless Router, 5 Ports Switch, VoIP Gateway
WAN Connection Types	PPPoE, PPPoA, IPoE, Bridge, IPoA

WIRELESS	
Wireless Standards	IEEE 802.11b/g/n/ac
Frequency Range	2.4GHz, 5GHz
Wireless Speed	11n speed up to 300Mbps 11ac speed up to 1300Mbps
Wireless Security	64/128-bit WEP/WPA-PSK/WPA2-PSK/TKIP/AES
Transmit Power	<20dBm (EIRP)
Wireless Features	Multi-SSID Access Control List WDS ,WMM, WMF Hide Access Point Clients Isolation Disable WMM Advertise MAC filter
DSL Features	PTM and ATM mode including dual latency Both Annex A and Annex B including dual latency US0 Diagnostics mode/DELT Bitswaps, SRA and SOS/ROC,Virtual Noise FEXT equalized UPBO Dying gasp INM PhyR and G.INP (framing type 1) G.vector

SOFTWARE	
VoIP Features	Call Waiting/Forwarding/Transferring/Block/Barring Anonymous Calling /Call Blocking Three Way Conference DND (Do Not Disturb)/CNG (Comfort Noise Generation)/DTMF Detection and Generation/Silence Suppression MWI SIP (RFC 3261)/SDP (RFC 2327)/RTP (RFC 1889)/RTCP (RFC 1890) Codec: G.711, G.723.1, G.726, G.729.A, G.722, G.722.2 Echo Cancellation: G.168 VAD (Voice Activity Detection) Multiple SIP T.38 Fax Relay
Function Features	Static route, Dynamic RIPv1, RIPv2 support DMZ support NAT Application Level Gateway for popular applications DHCP Server/Relay/client DNS Relay Agent/DDNS support PPP Auto Reconnect on WAN Access/PPP IGMP snooping v1/2 and IGMP Multicast
Security Support	64/128-bit WEP/WPA-PSK/WPA2-PSK/TKIP/AES Parental control PAP/CHAP for PPP mode NAT forFirewall SPI Firewall 2 Level (User/Admin) Authentication to Router IP and MAC Filtering
Management Support	Web Based GUI FTP /HTTP/Telnet/TR069 /SNMP v1/2c Command Line Interface Diagnostic Test Firmware upgrade-able Remote Access Control
ATM, PTM and PPP Features	RFC2684 /2364 /2516 /2225/1577 /148/1483/2684 ATM Forum UNI 3.1/4.0, ATM Adaptation Layer Type 5-AAL5 VPI Range (0-255) and VCI range (32-65535)

	UBR, CBR, VBR-rt, VBR-nrt
	F4/F5 OAM Loopback
	AIS and RDI OAM cells
	Supports 16 PVCs
	Group binding: Bind LAN port with WAN connection
VPN	IPSec/PPTP/L2TPpassthrough
Port Forwarding	Virtual server, Port Triggering, DMZ, ALG, UPnP
Dynamic DNS	DynDns, TZO
DHCP	Server, Client, DHCP Client List
	Address Reservation, DHCP relay
QOS	Priority Queuing
	Classification Rules
	802.1p

HARDWARE

Physical Interface	4 10/100/1000 RJ45 Ports for LAN
	1 10/100/1000Mbps Port for WAN or LAN
	1 DSL RJ11 port
	1USB 2.0 Port
	2FXS ports
Buttons	1 Power ON/OFF Button
	1 WiFi Button
	1 WPS Button
	1 Reset Button
Power	Input: 100-240V AC,50Hz;
	Output: 12V/2A
LED Indicators	Power, DSL, Internet, 2.4G, 5G, WPS, USB, WAN, LAN1/2/3/4, VoIP1/2
USB Sharing	Samba(Storage)/FTP Server/Media Server/Printer Server
Antenna	5 external antennas(2 for 2.4Ghz, 3 for 5Ghz) MIMO3dBi (default)
Processor	BCM63167+BCM4360+BCM6302+BCM53134+LE9642
Memory	16MB flash and 256MB RAM

OTHERS

Operation System	Windows 7,8,XP, VISTA/Macintosh/Linux
Package Content	Power Adapter x 1, InstallationManual x 1,RJ11 Cable x 1
	RJ45 Cable x 1, External Splitter x 1
Environment	Operating Temperature: 0°C~40°C(32~104°F)
	Storage Temperature: -30°C~60°C(-22~140°F)
	Operating Humidity: 10%~95% non-condensing
	Storage Humidity: 5%~90% non-condensing
Warranty	One year
Dimension	9.65*7.17*2.36 in(245*182*60 mm)
Weight	500g

➤ **Package Content：**

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