OV904WVA

Full Gigabit 5 Port High-Power Wireless AC VDSL2 Gateway

Introduction

The OV904WVA is a High-Power & high-speed Wireless VDSL2 gateway, which is an advanced gateway incorporating an VDSL 17a Bonding/35(b) single line modem, 802.11b/g/n/ac wireless router in one unit, bringing High-Power & high-speed wireless Internet connection to a home or office, It provides the transmission of broadband data of triple play services over Ethernet or Wi-Fi , which are suitable for using in a wide range of both residential (in-home) and commercial (offices, apartments, hotels, warehouses) network applications.

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System Spec	
Chipset	BCM63138 (35b Full back to 17a)
Wi-Fi	BCM4331(2.4G 3T3R Wi-Fi)-High power (22dBm)
11AC	BCM4360(5G 3T3R 11AC) –High power (22dBm)
DDR	DDR3-SDRAM,4Gbit
Flash	16MB Nor/128 MB NAND
Interfaces	
External Connectors	1 x RJ11 interface for XDSL port 4 x RJ45 for Gigabit Ethernet LAN 1 x RJ45 for Gigabit Ethernet WAN 1 x Reset button for factory default settings 1 x button for WPS 1 x Wi-Fi button for 5G WLAN and 2.4G 2 x USB3.0 Host port 1 x power jack 1 x power switch Antenna inner
Feature and Technical Spec	
Wireless Features	Compatible with IEEE 802.11b、IEEE 802.11g、IEEE 802.11n and IEEE 802.11ac 3x3 MIMO @ 5GHz 3x3 MIMO @ 2.4GHz Support beam forming to any 802.11 device Support auto channeling Support 64/128-bit WEP, 802.1x, WPA, and WPA2 for wireless security Support eight SSID Support RTS/CTS, Segment function Support MAC Access/Deny List
Routing Features	Support IP routing Support transparent bridging Support source and destination routing Support DHCP server/client Support UPnP Support NAT,NAPT Support DMZ Support IP QoS

 02/16

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Feature and Technical Spec	
Protocol Features	RFC 2684 multiprotocol Encapsulation over ATM Adaptation Layer 5 RFC2364 PPP over ATM ALL5 (PPPoA) RFC2516 PPP Over Ethernet (PPPoE) RFC1577/2225 Classical IP and ARP over ATM (IPoA) MER (a.k.a IP over Ethernet over AAL5) Support ALG (Application Level Gateways) ITU G.992.5 (ADSL2+) ITU G.993.2（VDSL2） ITU-T G.9700/ G.9701(G.fast) IEEE802.3 IEEE 802.11n /11ac
Management	TR-069 Device Management TR-098/181 Data Models TR-106 Generic Device Model TR-111 LAN Device 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)
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

Environment Requirements	
Operating Temperature	0ºC - 40ºC (32F – 104F)
Storage Temperature	-10ºC - 60ºC (14F – 140F)
Operating Humidity	10% - 95%, non-condensing
Storage Humidity	5% - 95%, non-condensing
Power adapter input	100V - 240V AC, 50/60Hz
Power adapter output	12V DC, 3A
EMC and Safety	
Regulatory Compliance	CE、FCC、ROSH、CCC
Physical Characteristics	
Physical Dimension	230mm*220mm*40mm

