

OvisLink OV604WVH Parameters and Specifications

Parameter	Specifications
System Specifications	
Chipset	BCM63168U
DRAM	DDR3 1Gbit
Flash	SPI 16MB or NAND 1Gbit
Wi-Fi	2.4GHz BCM63168U, 802.11b/g/n, 2T2R
Features and Technical Specifications	
ADSL Features	<p>T1.413i2, G.992.1 G.dmt, G.992.2, G.lite G.992.3 (G.bis/ADSL2) G.992.5 (ADSL2+) ITU G.994.1 (G.hs) Annex L (Reach Extended ADSL2) Support ATM forum UNI3.0, 3.1 and 4.0 permanent virtual circuits (PVCs) Support CBR, UBR, VBR-rt, VBR-nrt Support multiple PVCs Support ITU-T i.610F4/F5 OAM</p>
VDSL Features	<p>ITU-T G.993.2 VDSL2 Support 8a,8b,12a,12b,17a, 17a_Bonding profile Support G.vector Support ATM and PTM Support G.INP</p>
Protocol Features	<p>RFC2684 multiprotocol Encapsulation over ATM Adaptation Layer 5 RFC1483 multiprotocol Encapsulation over ATM Adaptation Layer 5 RFC2364 PPP over ATM ALL5 (PPPoA) RFC2516 PPP Over Ethernet (PPPoE) RFC1662 PPP in HDLC-like Framing RFC1332 PPP Internet Protocol Control Protocol RFC1577/2225 Classical IP and ARP over ATM (IPoA) RFC894 A Standard for the Transmission of IP Datagrams over Ethernet Networks RFC1042 A standard for the Transmission of IP Datagrams over IEEE 802 Networks MER (a.k.a IP over Ethernet over AAL5) Support ALG (Application Level Gateways) IEEE802.3 IEEE802.3u IEEE 802.11b IEEE 802.11g IEEE 802.11n</p>
Bridging Features	Self-learning bridge (IEEE 802.1D Transparent Bridging)

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	At least 64 learning MAC addresses	
Routing Features	Support IGMP snooping RFC768 User Datagram Protocol (UDP) RFC791 Internet Protocol (IP) RFC792 Internet Control Message Protocol (ICMP) RFC793 Transmission Control Protocol (TCP) RFC826 An Ethernet Address Resolution Protocol (ARP) RFC862 Echo Protocol 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 Support IGMP proxy Support IPv6	
Management	Device Configuration, Management and Update Web based GUI Localization support Embedded web server Download image via HTTP, TFTP client, TFTP server, FTP server Command Line Interface via serial port, telnet, or ssh Menu-driven CLI via serial port or telnet Universal Plug and Play (UPnP) Internet Gateway Device (IGDv1.0) WAN Management Protocol (TR-069) SNMP v1/v2 PSI configuration file upload and download Date/time update from SNTP Internet Time Server Three-level login including local admin, local user, and remote technical support access	
Security	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	
Wireless Features	Standard	IEEE802.11b/g/n
	Modulation schemes	802.11g: 64QAM, 16QAM, QPSK, BPSK, DSSS

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	802.11b: CCK, DQPSK, DBPSK HT20 and HT40: 64 QAM, 16QAM, QPSK, BPSK
	802.11b: 11, 5.5, 2, 1 Mbps per channel, auto fallback for extended range 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps per channel, auto fallback for extended range HT20: up to 150 Mbps HT40: up to 300 Mbps
	64-bit, 128-bit WEP, AES, TKIP, WPA, WPA2, 802.1x
	1 x VDSL interface
External Connectors	4 x RJ45 LAN Ethernet interfaces 10M/100M 1 x 10M/100M/1000M WAN Interface 2 x USB 2.0 host 1 x reset button 1 x WPS button 1 x WLAN button 1 x power jack 1 x power switch
Environment Requirement	
Operating Temperature	0°C—40°C
Storage Temperature	-20°C—70°C
Operating Humidity	10%—95%, non-condensing
Storage Humidity	5%—95%, non-condensing
Power Supply	12VDC, 2 A
Consumption	20W
EMC and Safety	
Regulation Compliance	CCC Class B CE
Safety Regulations	UL
Green Standard	RoHS
Physical Characteristics	
Physical Dimension	
Weight	