

OvisLink (Canada) INC

OV704WVG
Product Specifications

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Parameter	Specification
System Spec	
Chipset	Broadcom BCM63168V
Switch	Broadcom BCM53124S
Wi-Fi	BCM63168 Inner(2.4G)
Voice	LE89316+LE89810+LE89900
DDR	128MB DDR3
Flash	128 MB
Feature and Technical Spec	
ADSL Features	<ul style="list-style-type: none"> ● T1.413i2, G.992.1 ● G.dmt, G.992.2, G.lite ● Annex A ● G.992.3 (G.bis/ADSL2) ● G.992.5 (ADSL2+) ● 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
VDSL Features	<ul style="list-style-type: none"> ● ITU-T G.993.2 VDSL2 ● Support 8a,8b,12a,12b,17a profile ● Support G.vector ● Support ATM and PTM ● Support G.INP
Wireless Features	<ul style="list-style-type: none"> ● Compatible with IEEE 802.11b、 IEEE 802.11g、 IEEE 802.11n ● 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 ● Wireless frequency range, 2400~2483 MHz ISM band and 5710-5835 MHz ISM band
External Connectors	<ul style="list-style-type: none"> ● 1 x RJ11 interface for 17A 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 WLAN button ● 1 x WPS button ● 1x FXS port ● 1x FXO port

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	<ul style="list-style-type: none"> ● 2 x USB2.0 Host port ● 1 x power jack ● 1 x power switch ● Antenna inner
Protocol Features	<ul style="list-style-type: none"> ● RFC 2684 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) ● RFC1483R ● 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) ● ITU G.992.1 (G.dmt) ● ITU G.992.2 (G.lite) ● ITU G.994.1 (G.hs) ● ITU G.992.3 (ADSL2) ● ITU G.992.5 (ADSL2+) ● ITU G.993.2 (VDSL2) ● ANSI T1.413 issue 2 ● IEEE802.3 ● IEEE802.3u ● IEEE 802.11b ● IEEE 802.11g ● IEEE 802.11n
Bridging Features	<ul style="list-style-type: none"> ● Self-learning bridge (IEEE 802.1D Transparent Bridging) ● At least 64 learning MAC addresses
Routing Features	<ul style="list-style-type: none"> ● 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

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	<ul style="list-style-type: none"> ● Support DHCP server/client ● Support UPnP ● Support NAT,NAPT ● Support DMZ ● Support IP QoS
Management	<ul style="list-style-type: none"> ● Device Configuration, Management and Update ● Web based GUI ● Localization support ● Embedded web server ● Download image via HTTP, TFTP client, TFTP server ● Command Line Interface via serial port, telnet ● Menu-driven CLI via serial port or telnet ● Universal Plug and Play (UPnP) Internet Gateway Device (IGDv1.0) ● WAN Management Protocol (TR-069) ● PSI configuration file upload and download ● Date/time update from SNTP Internet Time Server
Security	<ul style="list-style-type: none"> ● 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
VoIP Protocol	<ul style="list-style-type: none"> ● RFC 2617 : HTTP Authentication: Basic and Digest Access Authentication. ● RFC 2833: RTP Payload for DTMF Digits, Telephony Tones and Telephony Signals ● RFC 3261: SIP: Session Initiation Protocol ● RFC 3262: Reliability of Provisional Responses in the Session Initiation Protocol (SIP) ● RFC 3263: Session Initiation Protocol (SIP): Locating SIP Servers ● RFC 3264: Offer/Answer Model with Session Description Protocol (SDP) ● RFC 3265: SIP Specific Event Notification ● RFC 3311: The Session Initiation Protocol UPDATE Method ● RFC 3323: A Privacy Mechanism for the Session Initiation Protocol (SIP), For further information see the CLIP/CLIR/CNIP/CNIR document. ● RFC 3325: Private Extensions to the Session Initiation Protocol (SIP) for Asserted Identity within Trusted Networks

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	<ul style="list-style-type: none"> ● RFC 3515: The Session Initiation Protocol (SIP) - Refer Method ● RFC 3842: A Message Summary and Message Waiting Indication Event Package for the Session Initiation Protocol (SIP) ● RFC 3891: The Session Initiation Protocol (SIP) "Replaces" Header ● RFC 3960: Early Media and Ringing Tone Generation in the Session Initiation Protocol(SIP) ● RFC3959: The Early Session Disposition Type for the Session Initiation Protocol (SIP) ● RFC 4028: Session Timers in the Session Initiation Protocol (SIP) ● T.38: Procedures for real-time Group 3 facsimile communication over IP networks
Environment Requirements	
Operating Temperature	0 °C - 40 °C (32°F - 104°F)
Storage Temperature	-10 °C - 60 °C (14°F - 140°F)
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, 2A
EMC and Safety	
Regulation Compliance	<ul style="list-style-type: none"> ● CCC Class B ● CE
Safety Regulations	UL
Green Standard	RoHS
Physical Characteristics	
Physical Dimension	NA
Weight	NA