

# OvisLink OV501GF

Single port VDSL2 Modem/Router & G.fast Converter



## Introduction

OV501GF will be used in a Fiber To The Distribution set-up in which it must be able to interface to the Distribution Point Unit in the Wide Area Network via the latest ITU-T standard of G.FAST. It can provide users with broadband Internet access capability, high quality voice & video services.

### System Spec

Chipset	BCM63138+LE87281NQC
DDR	DDR3-SDRAM,1Gbit
Flash	16MB Nor Flash

### Interfaces

External Connectors	1 x RJ11 interface for XDSL port 1 x RJ45 for Gigabit Ethernet WAN 1 x Reset button for factory default settings 1 x power jack 1 x power switch 1xLED on/off button
---------------------	---

### Feature and Technical Spec

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
------------------	---

### 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 G992.5 (ADSL2+) ITU G.993.2 (VDSL2) ITU-T G9700/ G9701(Gfast) IEEE802.3 Self-learning bridge (IEEE 802.1D Transparent Bridging) At least 64 learning MAC addresses
-------------------	--

# OvisLink OV501GF

Single port VDSL2 Modem/Router & G.fast Converter

Feature and Technical Spec	
G.fast Features	Support G.fast with crosstalk cancellation (vectoring) in DS Support the full frequency band up to 106 MHz in G.fast ITU-T G.9700/ G.9701(Gfast) Support G.vector
Management	TR-069 Device Management 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	C - 40°C (32F – 104F)
Storage Temperature	-10°C - 60°C (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	135mm*110mm*35mm