OptiVision ®

Expanding Digital Technologies

BSNL Ready

1 YEAR GUARANTEE

POWER PON LOS LAN1 LAN2 TEL

ON/OFF POWER TEL LAN2 LAN1 OPTICAL

OV-VXP-99B VOIP XPON

2FE + VOIP XPON with BRIDGE + ROUTE MODE

Internet

Media Center

Video/Network Management Server

Multi-Service Router

OLT

STB   TV

PC

PHONE

LAPTOP
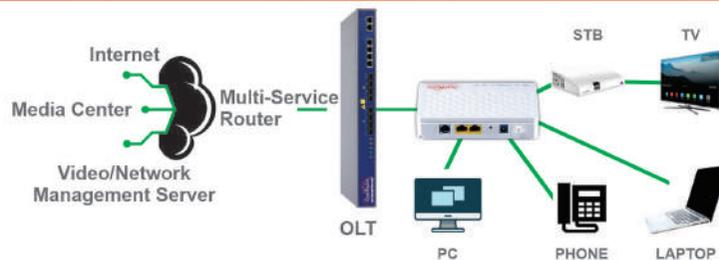
Gigabit LAN

IPv6

FTTH FIBER TO THE HOME

ACS

1000mbps

SC/UPC

XPON ONU

Secured Connection

OV-VXP-999 XPON ONU
1GE+1FE+1VOIP

1.Overview

OV-VXP-999B is designed as HGU(Home Gateway Unit)/SFU(Single Family Unit) in deferent FTTH solutions, The carrier-class FTTH application provides data service access. OV-VXP-999B is based on mature and stable, cost-effective XPON technology. It can switch automatically with EPON and GPON mode when it access to the EPON OLT or GPON OLT. OV-VXP-999B adopts high reliability, easy management, configuration flexibility and good quality of service (QoS) guarantees to meet the technical performance of the module of China Telecom EPON CTC3.0 and GPON Standard of ITU-TG.984.X

2.Functional Feature

- Support EPON/GPON mode and switch mode automatically
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support Route PPPoE/DHCP/Static IP and Bridge/mode
- Support IPv4/IPv6 dual mode
- Support Firewall function and IGMP multicast feature
- Support LAN IP and DHCP Server configuration.Disable/Enable port function
- Support Port Forwarding and Loop-Detect
- Support TR069 Remote Configuration and maintenance
- Specialized design for system breakdown prevention to maintain stable system

Application

- ➤ Network online gaming
- ➤ High Internet access sharing
- ➤ High rate broadband sharing
- ➤ Small enterprises application
- ➤ Home networking application

OV-VXP-99 VOIP XPON

1GE + 1FE + VOIP XPON with BRIDGE + ROUTE MODE

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1 YEAR

Technical Specification

Interfaces

PON Interface	1 EPON BOB (Bosa on Board) Receiving Sensitivity : = -3dbm to -28dBm Transmitting optical power : +1~+4dBm
Optical Interface	SC-UPC Connector
Distance	Transmission distance : 20KM
Wavelength	TX 1310nm, RX 1490nm
Chip Spec	Hisilicon SD5115H
LAN Interface	1x10/100Mbps auto adaptive Ethernet interface
Flash	128Mbit RAM & SPI Nor Flash 1024MB ROM

Pannel Light Introduction

PWR	ON	The device is powered up.
	OFF	The device is powered down.
PON	ON	The device has registered to the PON.
	BLINK	The device is registering the PON.
	OFF	The device registration is correct.
LOS	BLINK	The device does not receive optical signal.
	OFF	The device has received optical signal.
LAN1-LAN2	ON	Port is connected properly (LINK).
	BLINK	Port is sending or/and receiving data (ACT).
	OFF	Port connection exception or not connected.

Physical characterstics

Dimensions	137 mm x 115 mm x 28 mm (LxWxH)
Weight	137 g
Permissible operating temperature	0°C to 40°C
Permissible air humidity	5%-95% RH, non-condensing
Power input	100-240 VAC, 50/60 Hz
System power Supply	12 V DC, 1A
Static power Consumption	3 W
Maximum power Consumption	5 W
LEDs	6 LED for : PWR, LOS, PON, LAN1, LAN2, TEL