OptiVision®

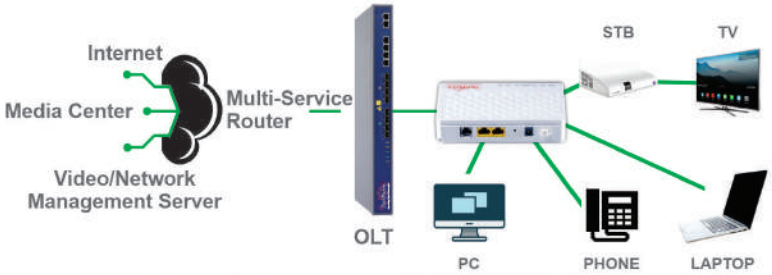
Expanding Digital Technologies

BSNL Ready

1 YEAR

OV-VXP-99 VOIP XPON

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



Gigabit LAN | IPv6 | FTTH FIBER TO THE HOME | ACS

1000mbps | SC/UPC | XPON ONU | Secured Connection

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

1.Overview

OV-VXP-999 is designed as HGU(Home Gateway Unit) / SFU(Single Family Unit) in different FTTH solutions,The carrier-class FTTH application provides data service access. OV-VXP-999 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-999 adopts high reliability, easy management, configuration flexibility and good quality of service (QoS) guarantees to meet the technical performance EPON CTC3.0 and GPON Standard of ITU-TG.984.X

2.Functional Feature

- Support EPON/GPON mode and switch mode automatically
- Support Route mode for PPPoE/DHCP/Static IP and Bridge mode
- Support IPv4 and IPv6
- Support ONU auto-discovery/Link detection/remote upgrade of software
- Support Disable / Enable port function.
- Support LAN IP and DHCP Server configuration
- Support Port Mapping and Loop-Detect
- Support Firewall function and IGMP multicast Function
- Support TR069 remote configuration and maintenance
- Specializeddesign 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

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Technical Specification

Interfaces

PON Interface	1 GPON/EPON BoB (class B+) Receiving Sensitivity : = -28dBm Transmitting optical power : +1~+4dBm
Optical Interface	SC-UPC Connector
Distance	Transmission distance : 20KM
Wavelength	TX 1310nm, RX 1490nm
Wifi Chip	SD5116L
LAN Interface	1x10/100/1000 Mbps(GE) & 1x10/100Mbps (FE) Auto adaptive Ethernet interface Full/Half Rj45 Connector wireless
Chip Spec	Hisilicon 5116H
Flash	64Mbit ROM
Ethernet Port	4 Ports 10/100/1000 BASE-T (RJ45)
POTS Port	Maximum REN : 4 G.711A/l, G.729a/b & G.722 Encoding / Decoding T.30/T.38/G.711 fax mode DTMF

Physical characterstics

Dimensions	115 mm x 95 mm x 28 mm (LxWxH)
Weight	130 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	POWER/PON/LOS/LAN-1~2