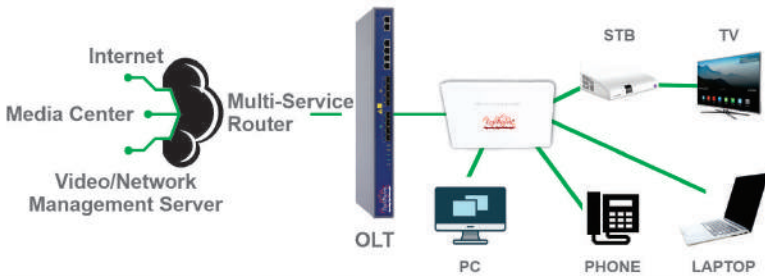




Key Features of ONT OV-DVXW-9999

- 4 Gigabit Ethernet ports
- 1 Rj11 telephone port (POTS)
- 2 USB ports
- Dual Band Wi-Fi, 2.4GHz & 5 Ghz AC
- 3 x 3 MIMO, up to 450 Mb/s in the 2.4GHz band & upto 1300 Mb/s in 5G Band

DUAL BAND-ONT
4GE + 1 POT + 5 INTERNAL ANTENA WIFI



Gigabit LAN	IPv6	FTTH FIBER TO THE HOME	ACS
2.4GHz & 5GHz	SC/UPC	DUAL BAND XPON	Secured Connection



OV-DVXW-9999 Dual Band Xpon Onu 4GE+1Voip+2.4G&5GWIFI

1. Overview

OV-DVXW-9999 is an ONT terminal designed for XPON networks. It is equipped with 4 gigabit Ethernet ports, 2 USB ports and 1 RJ11 (POTS) phone port. The device enables wireless network transmission Wi-Fi thanks to IEEE 802.11ac standard and **MIMO 3 x 3** technology. It works simultaneously at two frequencies, at 450 Mbit/s at 2.4 GHz and at 1300 Mbit/s at 5 GHz. OV-DVXW-9999 terminal is an ideal solution for home (**HGU - Home Gateway Unit**) for FTTH scenarios. To easily create a **intelligent home network**, the gateway supports Layer 3 functionality. It provides **users with a Triple-play** service (Internet, VoIP telephony, IPTV). OV-DVXW-9999 adopts high reliability, easy management, configuration flexibility and good quality of service guarantees to meet the technical performance of EPON Standard of China Telecom 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 2.4G&5G WIFI and Multiple SSID
- Support SIP Protocol for Voip Service
- Support LAN IP and DHCP Server configuration
- Support Port Mapping and Loop-Detect
- Support Firewall function and ACL function
- Support IGMP Snooping/Proxy multicast feature
- Support TR069 remote configuration and maintenance
- Specialized design for system breakdown prevention to maintain stable system
- Support Wan access by wan ip;

DUAL BAND-ONT
4GE+1POT+5INTERNALANTENAWIFI

Technical Specification

Interfaces

PON Interface	1 GPON/EPON BoB (class B+) Receiving Sensitivity : = -28dBm Transmitting optical power : +0.5~+5dBm Transmission distance : 20KM Wavelength : US 1310nm, DS 1490nm WBF Flexible mapping between the GEM & TCONT ports
Optical Interface	SC-UPC Connector
Chip Spec	Hisilicon SD5116L
Flash	2048Mbit ROM, 512MB RAM
Ethernet Port	4 Ports 10/100/1000 BASE-T (RJ45)
POTS Port	Maximum REN : 4 G.711A/I, G.729a/b & G.722 Encoding / Decoding T.30/T.38/G.711 fax mode DTMF
USB Port	2 USB 2.0 ports Possibility to create a network drive based on FTP
WLAN	IEEE 802.11 b/g/n (2.4G) IEEE 802.11 a/n/c (5G) 3 x 3 MIMO Antennas with 2 dBi gain WMM Multiple SSIDs WPS 450 Mbit/s (2.4G); 1300 Mbit/s (5 G)

Physical characteristics

Dimensions	265 mm x 176 mm x 82 mm
Weight	1500 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	11-14 V DC, 2A
Static power Consumption	8 W
Maximum power Consumption	20.5W
LEDs	POWER/PON/LOS/TEL/LAN/WLAN/WPS/USB

Functionality

Intelligent Connection	Intelligent Wi-Fi coverage Automatic negotiation SIP/H.248 All port services Parental control L2 / L3 transmission (IPv4) : 1G uplink, 2G downlink
Intelligent handling	Intelligent Wi-Fi sharing Automatic of portal 802.1x Sharing based on SoftGRE Linking one account to two POTS ports