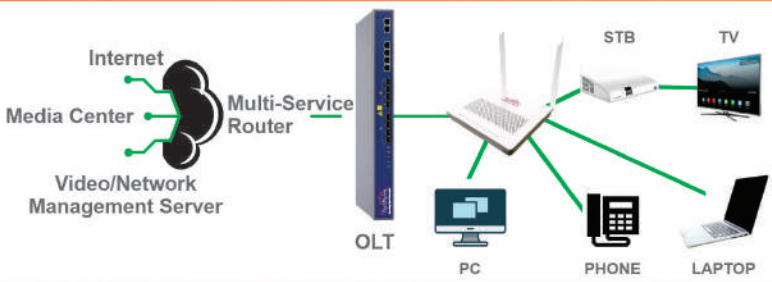




Key Features of ONT OV-SVWX-99

- 1 Gigabit Ethernet port & 3 Fast Ethernet ports
- 1 Rj11 telephone port (POTS)
- 1 USB ports
- Single Band Wi-Fi, 2.4GHz Xpon ONT

OV-SVWX-99 SINGLE BAND
1GE+1FE+1 POT+ XPON ONT with DUAL ANTENA WIFI



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



OV-SVXW-99 XPON SINGLE BAND 1G3FE+1VOIP WIFI 5DB ANT

1. Overview

The OV-SVXW-99 is designed as HGU (Home Gateway Unit) in different FTTH solutions. The carrier-class FTTH application provides different services. It provides sufficient bandwidth for high performance connection to the Internet. It has Web-based graphic user interface (GUI), in which you can easily modify the settings and connect to your ISP. The OV-SVXW-99 adopts high reliability, easy management, configuration flexibility and good quality of service guarantees to meet the technical performance of GPON / EPON Standard of ITU-TG.984.X. The OV-SVXW-99 provides one (RJ11) interface, four Fast Ethernet LAN(RJ45) interfaces, one USB host 2.0 interface (optional) and two external 5DB WIFI antennas. The telephone interface is used for connecting to the Internet provided by the telecom carrier. The Ethernet and WIFI are used for connecting to computers, through which you can access the Internet. The WIFI interface support 802.11b/g/n 2.4GHz. It is an ideal broadband FTTH solution for both home users who wish to share high-speed Internet access and small offices that wish to do business on the Internet.

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 WIFI and Multiple SSID
- Support ALG (Application Level Gateways)
- 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;
- Support OMCI & OAM
- Support WAN access control
- Support H248 & SIP VOIP
- Support Standard, IEEE802.11 b/g/n/ac

Application

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

OV-SVWX-99 SINGLE BAND
1GE + 1FE + 1 POT + XPON ONT with DUAL ANTENA WIFI



Expanding Digital Technologies



OV-SVXW-99 XPON SINGLE BAND 1G3FE+1VOIP WIFI 5DB ANT

3. 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
- Support IGMP proxy
- Support IPv4&IPv6

4. Management Features :-

- Device Configuration, Management and Update
- Web based GUI
- Localization support
- Embedded web server
- Download image via HTTP, TFTP server, FTP server
- Command Line Interface via serial port, telnet, or ssh
- Menu-driven CLI via serial port or telnet
- WAN Management Protocol (TR-069)
- PSI configuration file upload and download

5. Security Features :-

- 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.

OV-SVWX-99 SINGLE BAND
1GE + 1FE + 1 POT + XPON ONT with DUAL ANTENA WIFI

Technical Specification

Interfaces

PON Interface	1 GPON/EPON BoB (class B+) Receiving Sensitivity : = -28dBm Transmitting optical power : +1~+4dBm
Optical Interface	SC-APC Connector
Distance	Transmission distance : 20KM
Wavelength	TX 1310nm, RX 1490nm
Wifi Chip	RTL8192ER
LAN Interface	1x10/100/1000 Mbps(GE) & 3x10/100Mbps (FE) Auto adaptive Ethernet interface Full/Half Rj45 Connector wireless
Chip Spec	Hisilicon 5116H
Flash	1048Mbit ROM, 128MB 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	1 USB 2.0 ports Possibility to create a network drive based on FTP
WIRELESS	IEEE 802.11 b/g/n (2.4G) 2.400-2.4835GHz Support MIMO, rate up to 300Mbps 2T2R, 2 External Antennas with 5 dBi gain Modulation Type : DSSS, CCK & OFDM Multiple SSIDs Encoding Scheme : BPSK, QPSK, 16 & 64QAM Channel : Auto Authentication Type : WPA-PSK/WPA2-PSK

Physical characteristics

Dimensions	175 mm x 125 mm x 30 mm
Weight	222 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	6 W
Maximum power Consumption	8 W
LEDs	POWER/PON/LOS/TEL/LAN-1~4/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