ZP9202-DWVT

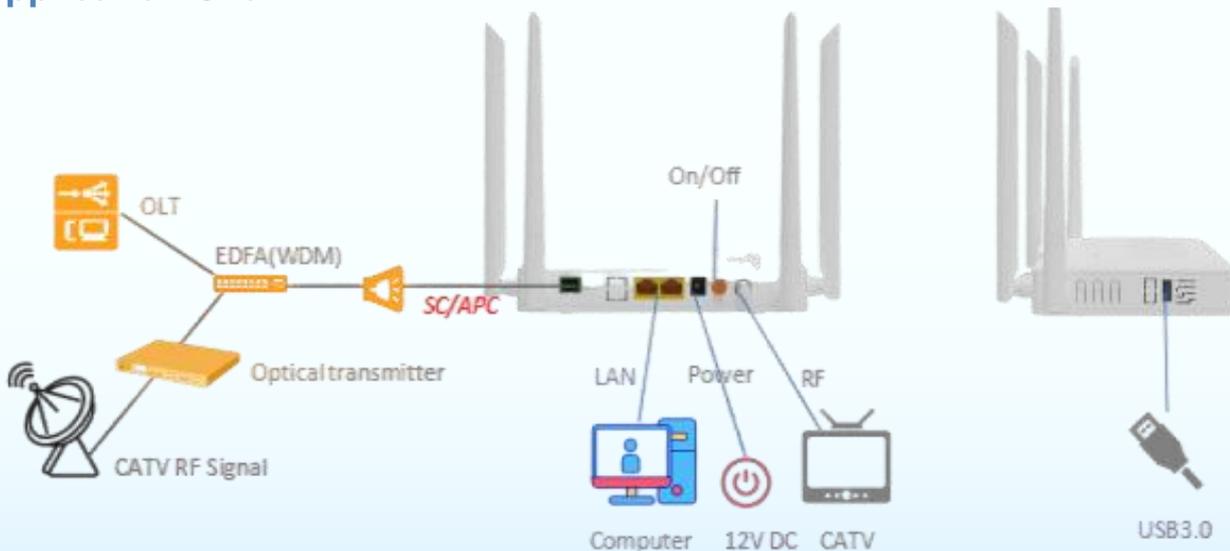## 1*XPON+2GE+WiFi 5+USB 3.0+CATV ONT

Key Features:

• XPON Dual Mode   • IPv4/IPv6 Stack

• Support EasyMesh protocol   • WiFi 5 Dual Band 1200 Mbps

Introduction:

ZP9202-DWVT (2GE+WiFi5+CATV XPON ONT) is designed to meet the FTTH and triple play service requirements of fixed network operators. The ONT is based on a high-performance chipset technology solution, supporting IEEE802.11b/g/n/ac WIFI technology and other Layer 2/Layer 3 functions. The ONT supports the OAM/OMCI protocol, and we can configure or manage various services of the ONT on the VSOL OLT.

The ONU has high reliability and is easy to manage and maintain. It has QoS guarantees for different services. It complies with the China Telecom CTC2.1/3.0 and international technical standards such as IEEE802.3ah, ITU-T G.984, etc.

Application Chart:

Hardware Parameter:

Dimension	178mm×120mm×30mm(L×W×H)
Net weight	0.28Kg
Operating condition	• Operating temp: -10 ~ +55℃ • Operating humidity: 5 ~ 95% (non-condensing)
Storing condition	• Storing temp: -40 ~ +70℃ • Storing humidity: 5 ~ 95% (non-condensing)
Power adapter	DC 12V,1A, external AC-DC power adaptor
Power supply	≤12W
Interfaces	2GE+WiFi5+CATV+USB3.0
Indicators	PWR, PON, LOS, WAN, LAN1, LAN2, 2.4G, 5G, CATV, USB

Interface Parameter:

PON interface	• 1 XPON port(EPON PX20+ & GPON Class B+) • SC single mode, SC/APC connector • TX optical power: 0～+4dBm • RX sensitivity: -27dBm • Overload optical power: -3dBm(EPON) or － 8dBm(GPON) • Transmission distance: 20KM • TX wavelength: 1310nm • RX wavelength: 1490nm, 1550nm(CATV)
User interface	• 2*GE,Auto-negotiation,RJ45 ports • 1*USB3.0

CATV interface	• Optical receiving wavelength: 1550±10nm
	• Optical input range: +2～-18dBm
	• Optical reflection loss: ≥40dB
	• RF frequency range: 47～1000MHz
	• RF output impedance: 75Ω
	• RF output level and AGC range:
	    ≥81±2dBuv@+1～-10dBm
	    ≥79±2dBuv@ 0～-11dBm
	    ≥77±2dBuv@-1～-12dBm
	    ≥75±2dBuv@-2～-13dBm
	    ≥73±2dBuv@-3～-14dBm
	    ≥71±2dBuv@-4～-15dBm
	• MER: ≥32dB(-14dBm optical input)

WIFI interface	• Compliant with IEEE802.11b/g/n/ac • WiFi:2.4GHz 2×2, 5.8GHz 2×2, 5dBi antenna, rate up to 1.167Gbps,Multiple SSID • TX power: 2.4GHz: 23dBm; 5GHz: 24dBm • RX power: 2.4GHz: HT40-MCS7 -72dBm; 5GHz: VHT80 MCS9 <-62dBm

Function Data:

O&M	• OAM/OMCI,Telnet,WEB,TR069 • Support full management of HGU functions by VSOL OLT
Connect Mode	Support bridge, router & bridge/router mixed mode
QoS	• Support 4 queues • Support SP, WRR, 802.1P and DSCP
Data Service Functions	• Full speed non-blocking switching • 2K MAC address table • 8 full range VLAN ID • Support VLAN tag, untag, transparent, trunk, translation mode • Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc • Support auto polarity detection of Ethernet ports (AUTO MDIX) • Support IGMP v1/v2/v3 snooping/proxy and MLD v1/v2 snooping/proxy
Wireless	• Integrated 802.11b/g/n/ac • Authentication:WEP/WAP-PSK(TKIP)/ WAP2-PSK(AES) • Modulation type:DSSS,CCK and OFDM • Encoding scheme:BPSK,QPSK,16QAM and 64QAM • Easymesh
L3	• IPv4, IPv6 and IPv4/IPv6 dual stack • DHCP/PPPOE/Static • Static route, DHCP Server • NAT/DMZ/DDNS/Virtual Server
Security	• Support Firewall • Support Mac filter Based on MAC or URL • Support ACL

Ordering Information:

Product Name	Product Description	Accessories
ZP9202-DWVT	2GE+WiFi 5+USB 3.0+CATV	12V/1A DC Adapter