

VSOL-V2802DAC

VSOL WiFi 5 xPON ONU/ONT with 2 GE

Product Overview

VSOL WiFi 5 xPON ONU/ONT with 2 GE, V2802DAC, 12V 1A PSU included, 1x xPON Port (EPON PX20+ and GPON Class B+), SC Single Mode, SC/UPC Connector, 2x Gigabit RJ45 Ports, 2.4GHz (2T2R) Wi-Fi, 5.8GHz (2T2R) Wi-Fi, Support MIMO rate up to 1.167Gbps



Specifications

Overview Summary:

The VSOL V2802DAC WiFi 5 xPON ONU/ONT is the perfect solution for users seeking reliable, high-speed fiber internet connectivity for both home and business environments. Supporting both GPON and EPON standards, this dual-mode device ensures compatibility across various network environments. With a maximum data transfer rate of 1.167 Gbps, two Gigabit Ethernet ports, and Wi-Fi 5 (802.11ac) dual-band support, it delivers stable and fast internet for a variety of online activities. Whether you're streaming, gaming, or working from home, this device offers seamless connectivity with advanced features like MU-MIMO, EasyMesh, and full management options. Upgrade your network now with the VSOL V2802DAC and experience superior performance!

Performance tier:High-Performance

Uses:Home internet, office internet, gaming, HD streaming, smart home networks, high-speed fiber connections

Overview:

VSOL V2802DAC WiFi 5 xPON ONU/ONT: High-Speed Fiber Connectivity for Home and Business Networks

The VSOL V2802DAC is a high-performance Optical Network Unit (ONU) designed for fibre-to-the-home (FTTH) applications. Supporting both GPON and EPON standards, this dual-mode device ensures seamless integration across various network environments, making it an ideal choice for internet service providers and consumers seeking reliable, high-speed connectivity over fibre optic networks.

Description:

The VSOL V2802DAC delivers exceptional internet performance with dual-band WiFi 5 (802.11ac) technology, providing fast and stable wireless connections for multiple devices. It includes two Gigabit Ethernet (GE) ports for wired connections and supports high-speed data transfer up to 1.167 Gbps. The device also features MIMO (Multiple Input Multiple Output) technology for efficient bandwidth use, along with EasyMesh for improved home Wi-Fi coverage. Compatibility with both EPON and GPON standards ensures flexibility for different network deployments.

Features:

Key Benefits of the VSOL V2802DAC:

- Dual-Mode xPON Support:Automatically adapts to both GPON and EPON networks for easy deployment and compatibility with existing infrastructure.
- High-Speed Internet Access:With two Gigabit Ethernet ports, it provides fast, stable wired connections for computers, smart TVs, and other networked devices.
- Wi-Fi 5 Technology:Dual-band 802.11ac Wi-Fi ensures a reliable wireless network with AC1200 speeds, ideal for streaming, gaming, and other high-bandwidth activities.
- EasyMesh for Better Coverage:Create a mesh network with seamless, extended Wi-Fi coverage throughout your home or office, reducing dead spots and improving overall performance.
- Enhanced Compatibility:Complies with ITU-T G.984/G.988 and IEEE 802.3ah standards, ensuring full interoperability with Optical Line Terminals (OLTs) for easy integration with existing fibre networks.
- Advanced Network Management:Remote management is supported through TR-069, OMCI, and OAM protocols, allowing for efficient configuration, monitoring, and maintenance of the device.
- MIMO Technology:Supports MU-MIMO (Multiple User, Multiple Input, Multiple Output), enabling multiple devices to connect simultaneously without reducing performance, which is ideal for households with multiple users.

Key

- XPON Dual Mode Support:Seamlessly integrates with both EPON and GPON networks, providing flexibility for fibre internet installations.
- AC1200 Wi-Fi Performance:Dual-band 802.11ac wireless technology ensures fast and stable internet speeds.
- 2 Gigabit Ethernet Ports:For high-speed wired connections to devices that require consistent bandwidth, such as smart TVs, gaming consoles, and desktop computers.
- Mesh Networking Support:EasyMesh technology helps extend Wi-Fi coverage and reduce interference for a better user experience across large homes or offices.
- IPv6 & MU-MIMO:Supports modern networking protocols for faster, more reliable internet connections across multiple devices at once.
- Smart Home Ready:The V2802DAC is ideal for smart homes, supporting multiple devices and ensuring no lag during multiplayer gaming or HD streaming.

Why Choose the VSOL V2802DAC for Your Fiber Internet

The VSOL V2802DAC is a future-proof solution for both home and business users who demand high-speed, reliable fibre optic internet. Whether you're streaming high-definition content, working from home, or gaming online, this ONU delivers robust

performance, easy setup, and the versatility needed to meet diverse networking requirements.

Upgrade Your Network Today with the VSOL V2802DAC WiFi 5 xPON ONU/ONT

If you're looking for a dependable, high-performance optical network unit for your fibre optic internet, the VSOL V2802DAC is the perfect choice. With its dual-mode support, Wi-Fi 5 capabilities, and advanced management features, it offers everything you need to experience uninterrupted, high-speed internet.

Specifications:

© 2025 Respective owners and brand holders. This table has been carefully researched and generated by ComXpert International CC (<http://www.comx.co.za>), however, errors and omissions may occur. Only references to South Africa apply. All products are sourced in South Africa from the official suppliers and the warranty is that of the local supplier. E&OE. This table and our site's content may be used on condition that this notice and link remains intact and unaltered.

Specifications

Product Code	VSOL-V2802DAC
Hardware Parameter	
Dimension	178mm x 120mm x 30mm(L x W x H)
Net weight	0.31Kg
Operating condition	Operating temp: -10 ~ +55degreesC
	Operating humidity: 5 ~ 95% (non-condensed)
Storing condition	Storing temp: -40 ~ +70degreesC
	Storing humidity: 5 ~ 95% (non-condensed)
Power adapter	DC 12V,1.0A, external AC-DC
	power adaptor
Power supply	<=12W
Interface	2GE+Wi-Fi5
Indicators	PWR, PON, LOS, WAN, LAN1, LAN2, 2.4G, 5G
Interface parameter	
PON interface	1XPON port(EPON PX20+ and GPON Class B+)
	SC single mode, SC/UPC connector
	TX optical power: 0~+4dBm
	RX sensitivity: -27dBm
	Overload optical power: -3dBm(EPON) or -8dBm (GPON)
	Transmission distance: 20KM
	Wavelength: TX 1310nm, RX1490nm
User interface	2 x GE, Auto-negotiation,RJ45 ports

ComX Computers

Product Specification Sheet

WLAN interface	Compliant with IEEE802.11b/g/n/ac
	2.4GHz Operating frequency: 2.4000-2.4835GHz
	5.0GHz Operating frequency: 5.150-5.825GHz
	Support MIMO, rate up to 1.167Gbps
	Wi-Fi: 2.4GHz(2T2R), 5.8GHz(2T2R), 5dBi antenna, support: multiple SSID
	TX power: 11n-22dBm/11ac-24dBm
Function Data	
Management	OAM/OMCI, Telnet, WEB, TR069
	Support full management of ONT functions by VSOL OLT
Internet connection	Support Bridge, Route and Bridge/Route mixed mode
Multicast	Support IGMP v1/v2/v3
	Support IGMP Proxy and MLD Proxy
	Support IGMP Snooping and MLD Snooping
VLAN	Support VLAN tag mode
	Support VLAN trunk mode
	Support VLAN translation
Data Service Functions	Full speed non-blocking switching
	2K MAC address table
	8 full range VLAN ID
	Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc
	Support auto polarity detection of Ethernet ports (AUTO MDIX)
	Integrated IEEE802.1p QoS with four level priority queues
	Support IGMP v1/v2/v3 snooping/proxy and MLD v1/v2 snooping/proxy
Wireless	Support Wireless AP mode
	Support 802.11 b/g/n/ac
	Support Multiple SSID
	Authentication : WEP/WAP-PSK(TKIP)/WAP2-PSK(AES)
	Modulation type: DSSS, CCK and OFDM
	Encoding scheme: BPSK, QPSK, 16QAM and 64QAM, 256QAM
	Support EasyMesh protocol
QoS	Support 4 queues
	Support SP and WRR
	Support 802.1P and DSCP

ComX Computers

Product Specification Sheet

L3	Support IPv4, IPv6 and IPv4/IPv6 dual stack
	Support DHCP/PPPOE/Static
	Support Static route
	Support DHCP Server
	Support NAT/DMZ/DDNS
	Support Virtual Server
Security	Support Firewall
	Support Mac filter Based on MAC or URL
	Support ACL

Product Information Online

For the latest product information, availability and purchasing details, please visit the product page:

Product page: <https://www.comx.co.za/VSOL-V2802DAC-VSOL-WiFi-5-xPON-ONU-ONT-with-2-GE-Buy-p-331359.php>

Images and specifications are provided for reference and are subject to change without notice. E&OE.

Terms of Use: <https://www.comx.co.za/terms-of-use.php>

Terms of Sale: <https://www.comx.co.za/terms-of-sale.php>

PDF generated: 2026-10-21 19:44:28.

This PDF was generated automatically and may include content prepared or assisted by automated or AI-based systems. While reasonable care is taken to ensure accuracy, errors or omissions may occur.

For the most current and accurate product information, please refer to the product information available on our website. If any specification or other information differs from information published elsewhere, please confirm the details with us before relying on the information or making a purchasing decision.

If you identify an error or discrepancy, please report it to us so that we may investigate and correct it where necessary.