ComX Computers
Product Specification Sheet

V2801RGW

VSOL WiFi 4 xPON ONU/ONT with 1 GE

Product Overview

VSOL WiFi 4 xPON ONU/ONT with 1 GE, V2801RGW, 12V 0.5A PSU included, 1x xPON Port (EPON PX20+ & GPON Class B+), SC Single Mode, SC/UPC Connector, 1x Gigabit RJ45 Port









Specifications

Overview Summary:

The VSOL V2801RGW is the ideal solution for high-speed, reliable fibre internet connectivity, offering both GPON and EPON compatibility. Designed for FTTH and small office applications, this dual-mode ONU/ONT delivers stable performance with a Gigabit Ethernet port and WiFi 4 access. It's easy to install and manage, offering secure connectivity with a built-in firewall, multiple SSID support, and powerful routing functions. With its compact design and wide temperature range, it's perfect for maintaining seamless internet performance in any environment. Shop now for fast, efficient, and secure broadband access with the VSOL V2801RGW.

Performance tier: High-performance

Uses: Fibre broadband, home internet, office network, high-speed internet, secure home gateway, Wi-Fi access

Overview:

VSOL WiFi 4 xPON ONU/ONT with 1 GE | V2801RGW
The VSOL V2801RGW is a versatile xPON Optical Network Unit (ONU) tailored for fibre-to-the-home (FTTH) setups and small office environments. This model is a dual-mode Home Gateway Unit (HGU), designed to seamlessly detect and adapt to both GPON and EPON networks without the need for manual configuration. Equipped with a Gigabit Ethernet port and an integrated 2.4GHz WiFi 4 access point, it ensures high-speed wired and wireless connectivity for a range of devices. Ideal for modern fibre broadband applications, the V2801RGW is easy to manage, offering essential networking functions like NAT, DHCP, and a built-in firewall.

Features:

Key Benefits

- Dual-Mode Compatibility: Works with both GPON and EPON networks for flexible and hassle-free fibre internet access.
- High-Speed Connections: Includes 1 Gigabit Ethernet port for fast, wired connections.
- WiFi 4 Connectivity: Provides a 2.4GHz WiFi 4 (802.11n) access point, ensuring reliable wireless internet throughout your home or office.
- Secure Networking: Built-in firewall, NAT, and DHCP support for secure and easy management of your network.
- Reliable Performance: Compatible with ITU-T G.984 (GPON) and IEEE802.3ah (EPON) standards for stable, high-performance broadband.
- Easy Installation: Simple to set up and manage, with a compact design that saves space in any environment.

Robust Design for Optimal Performance
The VSOL V2801RGW is built to withstand a wide range of environmental conditions, offering reliable performance even in varying temperatures. Whether you're setting up a fibre connection at home or in a small office, this device ensures smooth, uninterrupted internet access.

Compact, Space-Saving Solution
Designed for easy installation, the V2801RGW doesn't take up much space and can be set up quickly, making it perfect for both home and small office environments.

Wide Temperature Range for Versatility
This model is engineered to perform efficiently in a wide range of temperatures, ensuring consistent service even in challenging conditions.

Key Features:

- 1 GE + Wi-Fi 4 ONU: Includes both wired and wireless connectivity options.
- Dual-Mode xPON Compatibility: Supports both GPON and EPON networks for versatile use.
- Wi-Fi 4 Support: Integrated 2.4GHz Wi-Fi 4 (802.11b/g/n) for wireless access.
- Built-in Firewall and NAT: Protects your network with advanced security features.
- Easy Setup: Simple to install with minimal configuration required.
- Reliable and Stable Connection: Ensures a continuous and stable internet experience.

This xPON ONU/ONT is designed for users seeking a reliable, secure, and easy-to-manage solution for fibre internet access. With its dual-mode functionality and fast connectivity options, the VSOL V2801RGW is an excellent choice for both home and small office applications.

Specifications:

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Specifications	
Product Code	V2801RGW
Hardware Parameter	
Dimension	120mm x 78mm x 30m(L x W x H)
Net weight	0.15Kg
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, 0.5A, external AC-DC power adaptor
Power supply	<= 6W
Interfaces	1GE+Wi-Fi 4
Indicators	POWER, LOS, PON, LAN, Wi-Fi
Interface parameter	
PON interface	1 XPON port(EPON PX20+ & 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
LAN interface	1*GE Auto-negotiation RJ45 ports
Wi-Fi interface	IEEE802.11b/g/n(TX power:17dBm/16dBm/ 15dBm),300Mbps
	Support 13 Channels
Function Data	
PON mode	XPON Dual mode , Can access to mainstream EPON/GPON OLTs
Software mode	Routing mode
Wi-Fi	Wi-Fi Authentication: WEP/WAP-PSK(TKIP) /WAP2-PSK(AES)
	Support: multiple SSID
Firewall	DDOS, Filtering Based on ACL/MAC/ URL.
Layer2	802.1D & 802.1ad bridge, 802.1p Cos, 802.1Q VLAN.
Layer3	IPv4/IPv6, DHCP Client/Server, PPPoE, NAT , DMZ ,DDNS.
Multicast	IGMP v1/v2/v3 , IGMP snooping
Security	Flow & Storm control, Loop Detection
O&M	WEB/TELNET/OAM/OMCI/TR069

Product Information Online

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

Product page: https://www.comx-computers.co.za/V2801RGW-VSOL-WiFi-4-xPON-ONU-ONT-with-1-GE-p-332256.php

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