ComX Computers
Product Specification Sheet

VSOL-V1600-G1

VSOL 1 Port GPON OLT with Built-In C++ GPON SFP

Product Overview

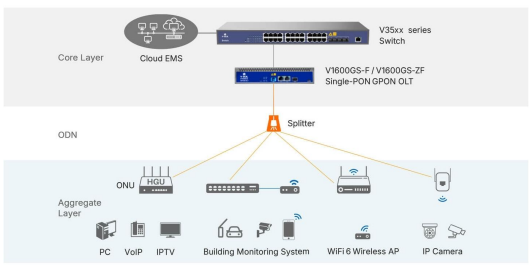
VSOL 1 Port GPON OLT with Built-In C++ GPON SFP, V1600GS-F, 1x GPON Port, 2x Gigabit RJ45 Ports, 1x SFP/SFP+ Port, 7dBm Built-In SFP, 12V 2A PSU included, 1U Chassis Rack











Specifications

Overview Summary:

The VSOL V1600GS-F is a compact, high-performance GPON OLT designed for small and medium-sized businesses (SMBs), residential buildings, and fiber-to-the-home (FTTH) networks. With one GPON port supporting up to 128 ONUs, this device offers reliable high-speed internet, voice, and video services. Its 1U chassis design makes it ideal for installations in space-constrained environments, while the built-in C++ GPON SFP module ensures extended reach and superior connectivity. Whether you're upgrading an existing network or deploying a new one, the VSOL V1600GS-F is a cost-effective and future-proof solution for your fiber optic needs. Buy now to enhance your network's performance!

Performance tier: High-performance, cost-effective

Uses:FTTH deployments, SMB networks, residential buildings, rental housing renovations, small office/home office (SOHO) setups

Overview:

VSOL 1 Port GPON OLT: High-Performance, Compact Fiber Solution for SMBs
The VSOL V1600GS-F is a versatile, single-port GPON Optical Line Terminal (OLT) designed to meet the needs of small-scale Fiber-to-the-Home (FTTH) deployments. This compact and affordable 1U device is perfect for residential, business park, and rural community installations. It offers robust support for high-speed internet, voice, and video services, ensuring a seamless experience for end-users.

Product Overview:

The VSOL V1600GS-F OLT is equipped with one GPON port, capable of supporting up to 128 Optical Network Units (ONUs). It includes a built-in C++ GPON SFP module, providing extended reach for more reliable connections. With flexible uplink options, including a Gigabit Ethernet RJ45 port and an SFP/SFP+ slot, this device ensures high-speed connectivity for small and medium-sized businesses (SMBs) and residential areas alike.

This OLT also features a simple management system that supports WEB, CLI, Telnet, and SNMP interfaces for easy configuration and monitoring. Its 1U chassis design makes it ideal for space-constrained environments while delivering the performance and scalability needed to support various network functions. Whether you're upgrading an existing network or deploying a new FTTH solution, the VSOL V1600GS-F offers a cost-effective, high-performance solution.

Features:

Key Product Highlights:

- Single GPON Port:Supports up to 128 ONUs for extensive fiber deployment.
- Built-in C++ GPON SFP Module:Enables extended reach and improved connectivity.
- Flexible Uplink Options:Includes one Gigabit Ethernet RJ45 port and one SFP/SFP+ port for versatile network connections.
- Compact 1U Chassis Design:Saves valuable space while delivering powerful performance.
- Layer 2 and Layer 3 Support:Offers full networking functionality for both small and medium-sized networks.
- Comprehensive Management:Supports WEB, CLI, Telnet, and SNMP for efficient network management and monitoring.

Versatile Deployment Applications
The VSOL V1600GS-F is an all-in-one solution that combines the functions of an OLT, gateway, and access controller. It's perfect for FTTH (Fiber to the Home) networks, SOHO (Small Office/Home Office) deployments, small business offices, and rental housing renovations. Whether you're expanding a network or upgrading existing infrastructure, this device supports a range of flexible application scenarios.

Enhanced Fiber Optic Performance for SMB Networks
With its high-speed fiber optic connectivity, the VSOL V1600GS-F enables fast and stable internet access across SMB networks, enterprise parks, and residential buildings. This ensures ultra-fast Wi-Fi coverage that extends throughout the entire area, making it an ideal solution for businesses that need reliable, high-performance networks.

Cost-Effective and Easy to Install
Designed for easy installation and minimal investment, the VSOL V1600GS-F allows for plug-and-play setup with centralized management. This user-friendly approach reduces operational overhead and ensures a smooth deployment process, saving both time and money.

Future-Proof Networking for SMBs and Rental Housing Renovation
Whether upgrading a small office network or modernizing a rental housing network, the VSOL V1600GS-F provides a scalable solution that adapts to a wide range of deployment environments. Its flexible capabilities make it an excellent choice for businesses and residential spaces looking for efficient, future-proof networking options.

Specifications:

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Specifications	
Product Code	VSOL-V1600-G1
Item	V1600GS-F
Chassis Rack	1U
GE/10GE	
QTY	3
Uplink Port	
RJ45(GE)	2
SFP(GE)/SFP+(10GE)	1
GPON Port Specification	
QTY	1
Fiber Type	9/125um SM
Connector	SC/UPC
	TX: 7.5+/-0.5dBm, Sen: -32dBm
GPON port speed	Upstream 1.244Gbps
	Downstream 2.488Gbps
Wavelength	TX 1490nm, RX 1310nm
Max splitting ratio	1:128
Transmission Distance	20KM
Management Ports	1*USB-COM(Type-C) port
Backplane Bandwidth (Gbps)	16
Port Forwarding Rate (Mpps)	23.808

Management Mode	WEB/Telnet/CLI/SNMP
Power supply	
AC Power Adapter	Working Voltage Range: 100~240V, Rated Voltage: 110V/220V
DC Power Adapter	DC 12V/2A
Lightning Protection Level	
Power supply	4KV
Device Interface	1KV

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/VSOL-V1600-G1-VSOL-1-Port-GPON-OLT-with-Built-In-C-GPON-SFP-p-331358.php

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