

V3600GS

Single Combo Pon OLT

Introduction:

The V3600GS is a compact, box-type XG(S)-PON & GPON Combo OLT featuring a single PON port. Combining exceptional performance with a highly competitive price, the V3600GS delivers outstanding value for cost-sensitive deployments. Its PON port supports a splitting ratio of up to 1:128 and a maximum transmission distance of 20 km, enabling broad coverage for fiber access networks. With its small footprint and lightweight design, the V3600GS is ideal for flexible deployment in a wide range of environments, including Fiber-to-the-Home (FTTH), Small Office/Home Office (SOHO), and small business offices. Designed for simplicity and efficiency, the V3600GS offers a reliable and scalable solution for next-generation broadband access.

Highlights



High Performance Chipset

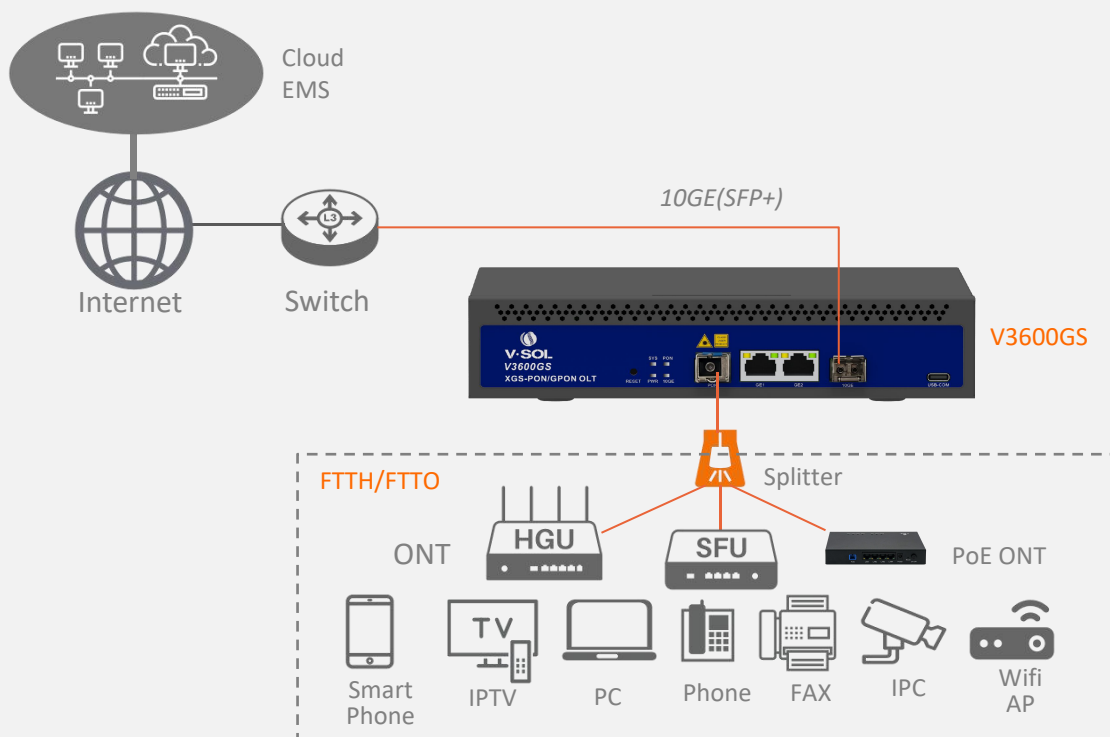


Supports XGS-PON/XG-PON/GPON tri-mode coexistence, with adaptive switching via different VSOL optical modules



10GE(SFP+) Uplink

Application Scenarios



Technical Specifications

Item		V3600GS
Chassis	Rack	1U
Uplink Port	QTY	3
	RJ45(GE)	2
	SFP(GE)/SFP+(10GE)	1
XG(S)-PON & GPON Combo Port	QTY	1
	Physical Interface	SFP+ Slots
	Connector Type	XG(S)-PON&GPON Combo mode: N2_C+
	Wavelength	GPON:Upstream 1310nm, Downstream 1490nm XG(S)-PON:Upstream: 1270nm Downstream: 1577nm
	Port Speed	GPON:Upstream1.244Gbps,Downstream 2.488Gbps XG-PON: Upstream 2.488Gbps, Downstream 9.953Gbps XGS-PON: Upstream 9.953Gbps, Downstream 9.953Gbps
	Max splitting ratio	1:128
	Transmission Distance	20KM
Management Ports		1*USB-COM(Type-C) port
Backplane Bandwidth (Gbps)		30
Port Forwarding Rate(Mpps)		44.64
Management Mode		WEB/Telnet/CLI/SNMP
Power Supply	AC	Working Voltage Range: 100~240V, Rated Voltage: 110V/220V
	DC Power Adapter	DC 12V/1A
Lightning protection level	Power supply	6KV
	Device Interface	4KV

Management Function

- Telnet,CLI,WEB,SNMP;
- Port Status monitoring and configuration management
- Online ONTconfiguration and management
- User management
- Alarm management

Layer2 Switch

- 8K Mac address
- Support 4096 VLANs
- Support port VLAN
- Support VLAN tag/Un-tag, VLAN transparent transmission
- Support VLAN translation, QinQ and P2P
- Support storm control based on port
- Support port isolation
- Support port rate limitation
- Support 802.1D and 802.1W
- Access control list
- IEEE802.x flowcontrol
- Port stability statistic and monitoring

Multicast

- IGMP snooping
- 256 IP Multicast Groups

DHCP

- Support DHCP server,DHCP relay,DHCP snooping
- Support DHCP option82
- Support DHCPv6 server,DHCPv6 relay

Ordering Information:

Layer 3 Route

- Support dynamic/static ARP
- Support WAN (DHCP/PPPOE/Statics)
- Support static routing, NAT, DMZ
- Support QoS based on DSCP, MAC, IP, L4 port, protocol, etc.
- Support ACL based on source MAC address, source IP address, source L4 port, destination IP address, destination L4 port, protocol type, etc.

IPv6

- Support IPv6 Ping, IPv6 Telnet, IPv6 routing
- Support ACL based on source MAC address, source IPv6 address, source L4 port, destination IPv6 address, destination L4 port, protocol type, etc
- Support IPv6 SLAAC
- Support MLD v1/v2 snooping (Multicast Listener Discovery snooping)

PON Function

- T-CONT DBA
- x-GEM traffic
- In compliant with ITU-T G.9807(XGS-PON) ,ITU-T G.987(XG-PON) and ITU-T 984.x
- Up to 20KM transmission Distance
- Support data encryption, multi-cast, port VLAN, separation, etc
- Support ONT auto-discovery/link detection/remote upgrade of software
- Support VLAN division and user separation to avoid broadcast storm
- Support power-off alarm function, easy for link problem detection

Weight

- Net weight of single power: 1.07kg

Working Temperature

- -20°C ~+60°C

Storage Temperature

- -40~+70°C

Relative Humidity

- 5~95% (non-condensing)

Dimension (L*W*H)

- 210mm*173mm*43.6mm

Product Name	Product Description	Power Configuration	Accessories
V3600GS	1*XG(S)-PON/GPON Combo, 2*RJ45+1*SFP/SFP+	1*DC 1*AC(Default) 1*AC+1*DC	XG(S)-PON/GPON Combo Pon module 10G SFP+ module