

XGSPON-08P XG(S)-PON Combo OLT Datasheet



XGSPON-08P XG(S)-PON Combo OLT

Product Overview:

XGSPON-08P OLT is a highly integrated, large-capacity XG(S)-PON OLT for operators, ISPs, enterprises, and campus applications. The product follows the ITU-T G.987/G.988 technical standard, and can be compatible with three modes of G/XG/XGS at the same time. The product has good openness, strong compatibility, high reliability and complete software functions. It can be widely used in operators' FTTH access, VPN, government and enterprise park access, campus network access, etc.

XGSPON-08P is only 1U in height, easy to install and maintain, and save space. Supports mixed networking of different types of ONUs, which can save a lot of costs for operators.

Main Feature

- Rich Layer 2/3 switching features and Flexible management methods
- Support multiple link redundancy protocols: FlexLink/STP/ RSTP/ MSTP/ ERPS/ LACP
- Support RIP, OSPF, BGP, ISIS and IPV6
- Safe DDOS and virus attack protection
- The PON port supports GPON/XGPON/XGSPON three modes
- Support Power redundancy backup, Modular power supply, Modular fans supply
- Support power failure alarm

Product Specifications

Attributes	XG(S)-PON Combo OLT
Exchange Capacity	104 Gbps
Packet Forward Rate	77.376 Mpps
Memory and Storage	Memory: 2GB; Storage: 8GB
Management Port	Console
Ports	8*XG(S)-PON/GPON ports, 8*10GE/GE SFP + 2*100G QSFP28
PON Features	Comply with ITU-T G.987/G.988 standard 100KM transmission distance 1:256 Max splitting ratio Standard OMCI management function Open to any brand of ONT ONU batch software upgrade
VLAN	Support 4K VLAN Support Vlan based on port, MAC and protocol Support dual Tag VLAN, port-based static QinQ and flexible QinQ
MAC	128K Mac Address Support static MAC address setting Support black hole MAC address filtering Support port MAC address limit

Ring Network Protocol	Support STP/RSTP/MSTP Support ERPS Ethernet ring network protection protocol Support Loopback-detection port loop-back detection
Port Control	Support two-way bandwidth control Support port storm suppression Support 9K Jumbo ultra-long frame forwarding
Port Aggregation	Support static link aggregation Support dynamic LACP Each aggregation group supports a maximum of 8 ports
Mirroring	Support port mirroring Support stream mirroring
ACL	Support standard and extended ACL Support ACL policy based on time period Provide flow classification and flow definition based on IP header information such as source/destination MAC address, VLAN, 802.1p, ToS, DSCP, source/destination IP address, L4 port number, protocol type, etc.
QoS	Support flow rate limiting function based on custom business flow Supports mirroring and redirection functions based on custom business flows Support priority marking based on custom service flow, support 802.1P, DSCP priority Remark capability Support port-based priority scheduling function, support queue scheduling algorithms such as SP/WRR/SP+WRR
Safety	Support user hierarchical management and password protection Support IEEE 802.1X authentication Support Radius&TACACS+ authentication Support MAC address learning limit, support black hole MAC function Support port isolation Support broadcast message rate suppression Support IP Source Guard Support ARP flood suppression and ARP spoofing protection Support DOS attack and virus attack protection
Layer 3	Support ARP learning and aging Support static route Support dynamic route RIP/OSPF/BGP/ISIS Support VRRP

SOFTEL

System Management	CLI, Telnet, WEB, SNMP V1/V2/V3, SSH2.0 Support FTP,TFTP file upload and download Support RMON Support Sntp Support system work log Support LLDP neighbor device discovery protocol Support 802.3ah Ethernet OAM Support RFC 3164 Syslog Support Ping and Traceroute
Environment Temperature	Working Temperature: -10°C ~ 55°C Storage temperature: -40°C ~ 70°C
Environment Humidity	Operating humidity: 10% ~ 95% (non-condensing) Storage humidity: 10% ~ 95% (non-condensing)
Environment friendly	China RoHs, EEE
Weight	6.5KG
Fans	Modular fans supply(3PCS)
Power	AC: 100 ~ 240V 47/63Hz; DC: 36V ~ 75V;
Power consumption	90W
Dimensions (Width * Height * Depth)	440*270*44mm

Purchasing Information

Product Name	Product Description
XGSPON-08P	8*XG(S)-PON/GPON port, 8*10GE/GE SFP + 2*100G QSFP28, Dual power supplies with optional AC or DC Modules