

OLT1000S



OLT1008S / OLT1004S OLT Series

OLT1000S Series products is 1U high 19 inch rack mount product. The features of the OLT are small, convenient, flexible, easy to deploy, high performance. It is appropriate to deploy in a compact room environment.

The OLT can use for “Triple-Play”, CPN, IP Camera, Enterprise LAN and IOT applications. It is a high cost performance products.

OLT1004S 4PON Ports 1U Box OLT



OLT1004S provides 4GE(copper)and 4SFP slots Combo interface for uplink, and 4 EPON ports for downstream. It can support 256 ONU under 1:64 splitter ratio.

OLT1008S 8PON Ports 1U Box OLT



OLT1008S provides 8GE(copper)and 8SFP slots Combo interface for uplink, and 8 EPON ports for downstream. It can support 256 ONU under 1:64 splitter ratio.

Specifications

Item		OLT1004S	OLT1008S
Chassis	Rack	1U 19 inch standard box	1U 19 inch standard box
	Slots	NA	NA
Uplink Port	QTY	8	16
	Copper	10/100/1000M auto-negotiable,RJ45:8pcs	10/100/1000M auto-negotiable,RJ45:8pcs
	SFP	4 SFP slots (Combo)	8SFP slots (Combo)
PON Port	QTY	4	8
	Physical Interface	SFP Slots	SFP Slots
	Connector Type	1000BASE-PX20	1000BASE-PX20
	Max splitting ratio	1:64	1:64
Management Ports		1*100BASE—TX outband port 1CONSOLE port	

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PON Port Specification (Apply to Pon module)	Transmission Distance	20KM
	PON port speed	Symmetrical 1.25Gbps
	Wavelength	1490nm TX,1310nm RX
	Connector	SC/PC
	Fiber Type	9/125μm SMF
	TX Power	+2~+7dBm
	Rx Sensitivity	-27dBm
	Saturtion Optical Power	-6dBm
Management Mode	SNMP,Telnet,and CLI management mode.	
Management Function	<p>Fan Group Detecting</p> <p>Port Status monitoring and configuration management;</p> <p>Layer-2 switch configuration such as Vlan, Trunk ,RSTP,IGMP ,QOS, etc;</p> <p>EPON management function: DBA ,ONU authorization, ACL ,QOS ,etc;</p> <p>Online ONU configuration and management</p> <p>User management</p> <p>Alarm management</p>	
Layer-two Switch	<p>Support port VLAN and protocol Vlan</p> <p>Support Vlan tag/Untag ,vlan transparent transmission;</p> <p>Support 4096 VLAN</p> <p>Support 802.3dd trunk</p> <p>RSTP</p> <p>QOS based on port ,VID,TOS and MAC address</p> <p>IGMP Snooping</p> <p>802.x flow control</p> <p>Port stability statistic and mornitoring</p>	
EPON Function	<p>Support port-based rate limitation and bandwidth control;</p> <p>In compliant with IEEE802.3ah Standard</p> <p>Up to 20KM transmission Distance</p> <p>Support data encryption, group broadcasting, port Vlanseparation ,RSTP,etc.</p> <p>Support Dynamic Bandwidth Allocation (DBA)</p> <p>Support ONU auto-discovery/Link detection/remote upgrade of software;</p> <p>Support VLAN division and user separation to avoid broadcast storm;</p> <p>Support various LLID configuration and single LLID configuration .Different user and different service could provide different QoS by means of different LLID channels.</p> <p>Support power-off alarm function ,easy for link problem detection</p> <p>Support broadcasting storm resistance function</p> <p>Support port isolation between different ports</p> <p>Support ACL and SNMP to configure data packet filter flexibly</p> <p>Specialized design for system breakdown prevention to maintain stable system</p> <p>Support dynamic distance calculation on EMS online</p>	

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		Support RSTP,IGMP Proxy	
Dimension		442mm(L)*315mm(W)*44mm(H)	
Weight		4.2kg	4.5kg
Power	220VAC	AC: 90V~240V, 47/63Hz	
Supply	-48DC	DC:-36V~-72V	
Power Consumption		45W	48W
Operating Environment	Working Temperature	-10~45℃	
	Storage Temperature	-40~85℃	
	Relative Humidity	5~90%(non-conditioning)	

Ordering Information

Product Name	Product Model	Descriptions
4 PORT OLT	OLT1004S	4GE(copper)and 4SFP slots Combo interface for uplink, and 4 EPON ports for downstream support 220VAC or 48VDC or both
8 PORT OLT	OLT1008S	8GE(copper)and 8SFP slots Combo interface for uplink, and 8EPON ports for downstream, support 220VAC or 48VDC or both