

8 PON PORTS EPON OLT

S-OLT-EPON-8OLT-L3D
S-OLT-EPON-8OLT-L3S



Overview:

S-OLT-EPON-8OLT-L3S EPON OLT 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 an compact room environment. The OLT can use for "Triple-Play", CPN, IP Camera, Enterprise LAN and IOT applications. It is a high performance products. S-OLT-EPON-8OLT-L3S EPON OLT provides 8*EPON Port, 8*GE(RJ45) Port, 4*1GE(SFP) Port and 4*10GE(SFP+) Ports. It can support 512 ONU under 1:64 splitter ratio.

Functional Characteristics:

Satisfactory Standard

- Meet IEEE802.3ah standards

Support IPv6 Function

- Support DN, IPv6 Ping, IPv6 Telnet
- Support ACL based on source IPv6 address, destination Ipv6 address, L4 port, protocol type, etc.
- Support MLD v1/v2 snooping

IP Route

- Support static route, dynamic route RIP v1/v2、OSPF v2(optional)

Easy to Manage

- Friendly EMS/Web/Telnet/CLI/SSH management
- CLI command style similar to mainstream manufacturers
- Support APP management

Fully Open Platform

- Open to any brand of ONU

High Performance Cost

- 1U height compact design
- Adopt mainstream chip scheme

Specification		S-OLT-EPON-8OLT-L3D / S-OLT-EPON-8OLT-L3S	
Chassis	Rack	1U, 19 inch standard box	
1G/10G Uplink Port	QTY	16	
	Copper 10/100/1000M auto-negotiation	8	
	SFP 1GE	4	
	SFP+ 10GE	4	

EPON Port	QTY		8	
	Physical Interface		SFP Slot	
	Connector Type		Px20+, PX20++	
	Max splitting ratio		1:64	
	Transmission speed		Up and Down Symmetrical 1.25Gbps	
Management Interface	1*10/100M Ethernet out-of-band management port			
	1*Console Port			
Management Mode	Management Mode Support EMS Management Platform			
	Support Telnet, CLI, WEB, SSH			
Layer 2 Function	Support Port VLAN, Protocol VLAN			
	Support VLAN TAG/UNTAG, VLAN transform, VLAN transparent			
	Support 4096 VLAN			
	Support IEEE802.3ad Link Aggregation			
	Support IGMP Snooping			
	Support RSTP			
	Support QoS based on port, VID, TOS and MAC address			
	Support IEEE802.x Flow Control			
Layer 3 Function	Support Port stability statistic and monitoring			
	Support Dynamic Routing RIP v1/v2			
	Support Dynamic Routing OSPF			
	Conform to IEEE802.3ah International Standard			
	Conform to China CTC2.1/3.0 Standard			
	Support ONU Uplink and Downlink Speed Limiting Functions			
	Support ONU Auto-discovery/Link Detection/Remote Upgrade of Software			
	Support various LLID configuration and single LLID configuration			
PON Port Function	Support Broadcast Storm Suppression			
	Support Port Isolation Between Different Ports			
	Support ACL and SNMP to configure data packet filter flexibly			
	Support Dynamic Distance Calculation on EMS Online			
	Support Credit Time Control, CATV Management Special Function			
	Dimension(L*W*H)(mm)		442*320*43	
	Weight(kg)		4.5	
Power Input	AC 100~240V, 50/60Hz			
	DC -48V or +12V			
Dual Power Backup	Support			
Max Power Consumption(W)	55			
Environmental Requirement	Operating Temperature		0 ~ +50°C	
	Storage Temperature		-40 ~ +85°C	
	Relative Humidity		5 ~ 90%(non-condensing)	
Ordering Information				
V1600D8 Single AC Power	8*EPON+8*1GE(RJ45)+4*1GE(SFP)+4*10GE(SFP+)			
	Single AC Power			
V1600D8 Dual AC Power	8*EPON+8*1GE(RJ45)+4*1GE(SFP)+4*10GE(SFP+)			
	Dual AC Power			
V1600D8 Single AC and Single DC Power	8*EPON+8*1GE(RJ45)+4*1GE(SFP)+4*10GE(SFP+)			
	Single AC and Single DC Power			

Typical Application

