

## EPON OLT 4 PORTS

### PN: BSLT-E4

This Broadstick EPON OLT is 1U rack-mounted device with 4 uplink GE ports, 4 uplink optical ports, and 4 EPON ports, each EPON port supports the splitting ratio of 1:64 and provides downstream bandwidth of 1.25Gbps and upstream bandwidth of 1.25Gbps, to support 256 EPON terminals accessing.

This solution meets the requirements in device performance and size of compact server room as the product has high performance and compact size, is convenient and flexible to use, and provides easy EPON network deployment.

### Details

<b>Type</b>	EPON OLT	<b>PON ports</b>	4 SFP 1:64
<b>Size</b>	442x200x43mm	<b>1G port</b>	4 Rj45 10/100/1000 Ethernet ports
<b>Weight</b>	3.2Kg	<b>10G SFP+ ports</b>	4
<b>Rack mount</b>	1U 19-inch standart	<b>Max Power Consumption</b>	30W
<b>Management</b>	CLI, SNMP, TELNET, SSH, WEB	<b>Management Port</b>	1 10/100M Base TX & 1 console port
<b>Dual Power</b>	Optional	<b>Power Input</b>	AC 100~240V, 50/60Hz



### Features

- Support XPON and EPON ONUs.
- Support device log, device upgrade, device management, condition monitoring, configuration management, and user management.
- Layer 2 switching configuration management: Like port management, VLAN, RSTP, IGMP, ACL, QOS and so on.  
PON function configuration management: Like OLT authentication, DBA template, service template, line template and so on.
- Meet ITU-T G.984/G.988 standard and relative EPON standards.
- Support OMCI remote management and configuration for ONT/ONU, compatible with ITU-T G.984.4/G.988 OMCI Protocol.
- 1U height 4 EPON OLT product.

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- Layer 2 Switching with Functionios DHCP server, DHCP relay and DHCP Snooping.
- Port Mirroring, Port aggregation, VLAN, VLAN QinQ. STP, RSTP, System Log, Alarm and Event management.
- QOS configuration and System log.
- Easy-to-Use Management System

	Item	Parameter
Appearance	Rack 1U	19 inch Standard case
IP PORTS	Copper 10/100/1000M Auto-negotiable (RJ45)	4
	SFP+ 10G Interface	4
EPON PORTS	Quantity	4
	Physical Interface	SFP Slot
	Module 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 Por	
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 SupportIEEE802.3ad Link Aggregation Support IGMP Snooping Support RSTP Support QoS based on port, VID, TOS and MAC address SupportIEEE802.x Flow Control Support Port Stability Statistic and Monitoring	
Layer 3 Function	Static Routing	
	Support Dynamic Routing RIP v1/v2 (Optional)	
	Support Dynamic Routing OSPF (Optional)	
Pon Ports	Conform to IEEE802.3ah International Standard	
	Conform to CTC2.1/3.0 Standard	
	Support ONU Uplink and Downlink Speed Limiting Functions	
	Support ONU Auto-discovery/Link Detection/Remote	
	Support Various LLID Configuration and Single LLID Configuration	
	Support Broadcast Storm Suppression	
	Support Port Isolation Between Different Ports	
	Support ACL and SNMP to Configure Data Packet Filter Flexibly	
Support Credit Time Control, CATV Management Special Function		

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### Technical Information

Power Supply	220VAC	AC: 90V~240V, 47/63Hz
	-48DC (Optional)	DC:-36V~-72V
Maximum power	70W	
Working environment	Working temperature	0~50°C
	Storage temperature	-40~85°C
	Relative humidity	5~90% (Non-condensing)



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