info@fibrsol.com / www.fibrsol.com

Technical Parameter

Model	FS-4G-4X- L3 SP	
DDR	512M	
FLASH	32M	
Size (L*W*H)	Product size:442mm×260mm×44mm Package size:520mm×372mm×87mm	
Weight	<5kg	
Uplink	QTY	8
	Copper	4*10/100/1000M auto-negotiable,RJ45
	SFP	4 1G/10G SFP
PON	QTY	4
	Physical Interface	4 PON SFP slots
	Type	1000BASE-PX20+/PX20++/PX20+++
	Max splitting ratio	1:64
Management Ports	CONSOLE port/NMS port	
Power Input	AC: 100V～240V 47/63Hz	
PON function	Support auto register Blacklist and whitelist onu DBA configure P2P ONU authorization	
Working Temperature	-10℃～60℃	
Humidity	5%～95%	
Support standard	IEEE 802.3ah EPON IEEE802.3(10Base-T) IEEE802.3u(100Base-TX) IEEE802.3z（1000BASE-X) IEEE802.3ab（1000Base-T) IEEE802.1Q(VLAN) IEEEE802.1d(STP) IEEEE802.1W(RSTP) IEEE802.1p(COS) IEEE802.3x（flow-control)	
Layer 2/3 function	VLAN,QinQ,translation Support at most 4094 VLAN;performance statistic 16K MAC address;mac address management Port mirror Support RSTP Storm control Support IGMP Snooping/proxy Support 4K router hosts Support 64 router subnets Port isolation ACL access control based on data stream QoS based on port, VID, TOS and MAC address; Encrytion of PON port transmitting data	

Technical Parameter

Configuration and Management	CLI,WEB,SNMP/NMS Software and bootrom Upgrade by TFTP and FTP Chinese/English command prompt Ping Debug diagnosis User management; Log management Alarm management.

Advantage:

- EPON: OLT follows the technical standard of IEEE802.3ah and telecom （YD/T 1475-2006)

- Optical link diagnosis: complete warning mechanism

- High reliability: supports dual power supply(Default single power supply).

- Dimension: single power supply

- Uplink: support electrical and optical modules, can be flexibly configured according to different networking.

- Capacity: Each PON supports up to 64 terminals, the whole device supports up to 256 ONUs under full configuration.

Feature:

- Support full wire-speed forwarding

- 16K MAC address table.

- Complete network management functions

- Support flexible DBA, up and down traffic speedcontrol.

- Support IP ToS, IEEE802.1Q

- Support port aggregation

- Port-based traffic control, traffic shaping.

- Support ONU automatic identification, auto-discovery, and auto-registration.

- Support the automatic loop-back test function.

- VLAN powerful features, including VLAN Stacking, Trunk, Translation.

- Flexible and controllable multicast support, support IGMP snooping.

- Support ACL /QoS