

Network Switches

FEATURES

Port Features

4,8,16 PON ports EPON OLT 1U

Support 256 ONU under 1:64 splitter ratio

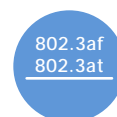
4,8, uplink GE optical SFP ports

4,8 uplink GE RJ45 copper ports

Double power supply 220VAC

"Triple-Play", CPN, IP Camera, Enterprise LAN and IOT applications.

FO-OLT-256EPM



Support IEEE802.3af/3at (30W each port)



Auto-Negotiation



Auto detect MDI/MDIX



Half-duplex & Full-duplex Mode



150m Transmission distance



Fast Ethernet Switch (10/100Mbps)



PAP Switch (Plug and Play)

TECHNICAL SPECIFICATION

	FO-OLT-256EPM
Model No.	FO-OLT-256EPM
Uplink Port	Copper 4 port 10/100/1000M auto-negotiable, RJ45: Optical interface 4 SFP slots
PON Port	Physical Interface SFP Slots Connector Type SC 1000BASE-PX20+ Max splitting ratio 1:64
Management Ports	1*10/100/1000M auto-negotiable out band port 1 CONSOLE port
PON Port Specification	Transmission Distance 20KM PON port speed Symmetrical 1.25Gbps Wavelength 1490nm TX, 1310nm RX Connector SC/PC Fiber Type 9/125µm SMF TX Power +2.5- +7dBm Rx Sensitivity -27dBm Saturation Optical Power -6dBm
10Gb SFP+ Port Specification	-
Management Mode	SNMP, Telnet, CLI management mode
Management Function	Fan Group Detecting Port Status monitoring and configuration management; Layer-2 switch configuration such as Vlan, Trunk, RSTP, IGMP, QOS, etc; EPON management function: DBA, ONU authorization, ACL, QOS, etc; Online ONU configuration and management User management Alarm management

TECHNICAL SPECIFICATION

Model No.	FO-OLT-256EPM
Layer-two Switch	<ul style="list-style-type: none"> Support port Vlan and protocol Vlan Support Vlan tag/Untag ,vlan transparent transmission; Support 4096 VLAN Support 802.3dd trunk Support RSTP Support QOS based on port ,VID,TOS and MAC address Support IGMP Snooping Support 802.x flow control Support Port stability statistic and monitoring
EPON Function	<ul style="list-style-type: none"> Support port-based rate limitation and bandwidth control; In compliant with IEEE802.3ah Standard Up to 20KM transmission Distance Support data encryption, group broadcasting, port Vlan separation, RSTP, etc. Support Dynamic Bandwidth Allocation (DBA) Support ONU auto-discovery/Link detection/remote upgrade of software; Support VLAN division and user separation to avoid broadcast storm; Support various LLID configuration and single LLID configuration .Different user and different service could provide different QoS by means of different LLID channels. Support power-off alarm function ,easy for link problem detection Support broadcasting storm resistance function Support port isolation between different ports Support ACL and SNMP to configure data packet filter flexibly Specialized design for system breakdown prevention to maintain stable system Support dynamic distance calculation on EMS online Support RSTP,IGMP Proxy
Dimension	440*251mm*44mm(L*W*H)
Weight	3.8kg
Power Supply	220VAC : AC: 90V-240V, 47/63Hz
Power Consumption	34W
Operating Environment	<ul style="list-style-type: none"> Working Temperature 050°C Storage Temperature -40- 85 °C Relative Humidity 5 - 90%(non-condensing)