Network Switches

FO-OLT-1024EPM

■ FEATURES

Port Features

16 PON ports in 1U

Support 1024 ONU under 1:64 splitter ratio
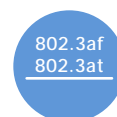
2 uplink 10Gbps SFP slots

4 uplink GE optical SFP ports

4 uplink GE RJ45 copper ports

Double power supply 220VAC

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

802.3af 802.3at — Support IEEE802.3af/3at (30W each port)

Auto-Negotiation

AUTO — Auto detect MDI/MDIX

Half-duplex & Full-duplex Mode

150m — 150m Transmission distance

RJ45 10/100M — Fast Ethernet Switch (10/100Mbps)

PAP Switch (Plug and Play)

■ TECHNICAL SPECIFICATION

Model No.	FO-OLT-1024EPM
Uplink Port	Copper 10/100/1000M auto-negotiable, RJ45:8pcs Optical interface 4 GE SFP slots 10Gb uplink interface 2*10Gb
PON Port	SFP Slots Connector Type 1000BASE-PX20+ Max splitting ratio 1:64
Management Ports	1*100BASE - TX out band port 1CONSOLE 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	Transmission Distance 10KM PON port speed 8.5-10.51875Gbps Wavelength 1310nmTX, 1310nmRX Connector LC Fiber Type Single mode with dual fiber TX Power -8.2~+0.5 dBm Rx Sensitivity -12.6dBm
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

MORRELL

■ TECHNICAL SPECIFICATION

Model No.	FO-OLT-1024EPM
Layer-two Switch	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	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*350*44(mm*mm*mm)
Weight	6kg
Power Supply	220VAC : AC: 90V-240V, 47/63Hz
Power Consumption	70W
Operating Environment	Working Temperature 050°C Storage Temperature -40- 85 °C Relative Humidity 5 - 90%(non-condensing)