

OPL-4PON GEAPON-OLT

OPL-4PON GEAPON-OLT-D

4PON PORTS EPON OLT



Dedicated Chip



Software Customization



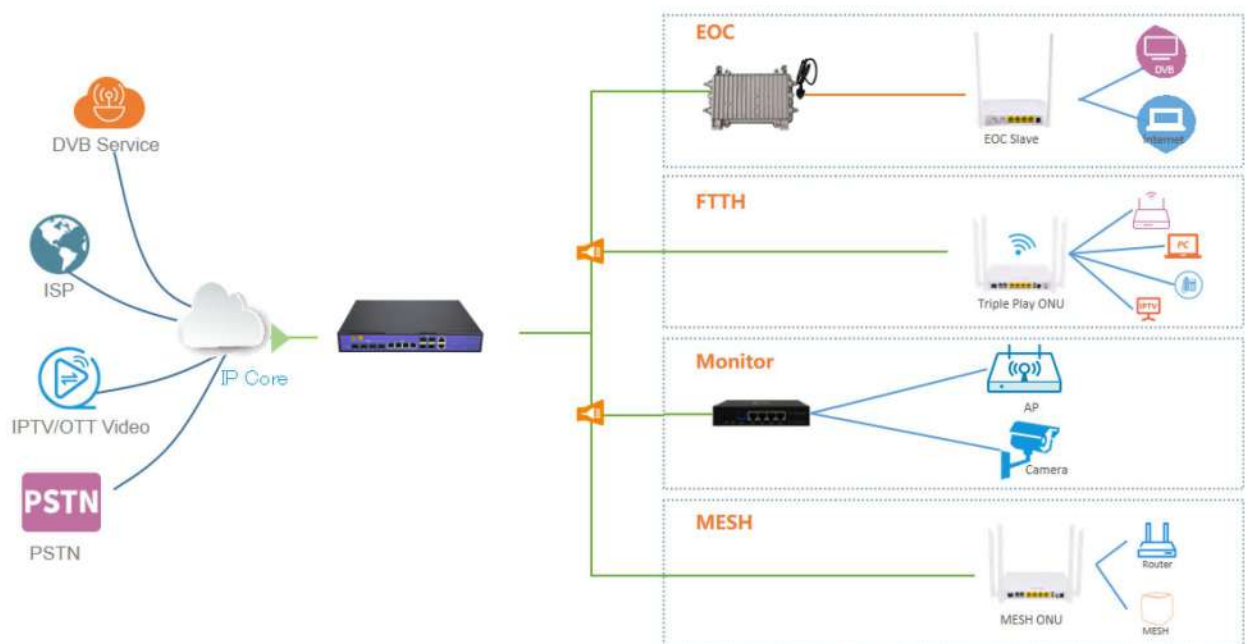
Back Battery Unit



Layer3 Switching

Brief Views

EPON OLT FD1304S completely meet relative standard of IEEE 802.3x and FSAN, which is 1U rack-mounted device with 4 uplink Ethernet ports, 4*10GE uplink ports and 4 EPON ports. Each EPON port supports the splitting ratio of 1:64, The EPON system supports up to 256 terminal connections.



Functional Feature

- EPON Function
- IEEE 802.3x
- Support OAM protocol
- ONU auto discover
- Ranging function
- Downstream data encrypted
- Layer 2 Switching Function
- Access/Trunk/Hybrid L2 access mode
- Support 30K MAC address
- Support 4094 VLANs
- VLAN filter function,VLAN transform
- L2 port mirror
- Support 1024 static MAC address
- MAC address learning/aging
- MAC address limitation
- Static/Dynamic LACP
- ACL
- RSTP
- Layer 3 Switching Function
- Static routing
- DHCP server/DHCP relay/DHCP snooping
- ARP proxy
- Other Function
- Support BBU
- Multicast Function
- IGMP snooping
- IGMP V1/V2
- Multicast VLAN translation
- QOS Guarantee
- Traffic control function
- Congestion avoidance function
- Queue scheduling function
- ACL function
- Reliability Function
- 1+1 power modules
- Fan speed automatically adjust
- Management Function
- CLI/WEB/Telnet/SSH/MQTT
- Performance Management
- Alarm Management
- Security Management
- Maintenance Function
- Device log
- Device upgrade
- Fault diagnose function
- Condition monitoring function

Product Interface

Mechanics

Management Rack

1U 19-inch standard box

Dimensions

306mm(L)*266mm(W)*44mm(H)

Weight

2.6kg

Hardware

Uplink Port

4 10/100/1000M auto-negotiation Ethernet ports

10-Gigabit

4 SFP+ interfaces

PON Port

Quantity

4

Physical interface

SFP slot

Interface type

EPON: IEEE802.3ah

Max splitting ratio

EPON: 1:64

Management Port

1 100/1000BASE-Tx out-band Ethernet port
1 CONSOLE local management port

PON Port
attribute

Transmission distance

20KM

Port rate

EPON: Symmetrical 1.25Gbps

Wavelength

Forwarding: 1490nm Receiving: 1310nm

Interface type

SC/UPC

Fiber type

9/125μm SMF (Single Mode Fiber)

Light transmission
power

PX20+: 2~5.5dBm

Receiving sensitivity

PX20+:-28dBm

Saturation power

PX20+:-8dBm

Backplane Bandwidth

98G

Power supply	
AC	100V ~ 240V, 47~63Hz
DC	-40 ~ -72VDC
Environment	
Working temperature	-15 ~ 50°C
Storage temperature	-40 ~ 85°C
Ambient humidity	5 ~ 90% (Non-condensing)

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