FD1602S-B1

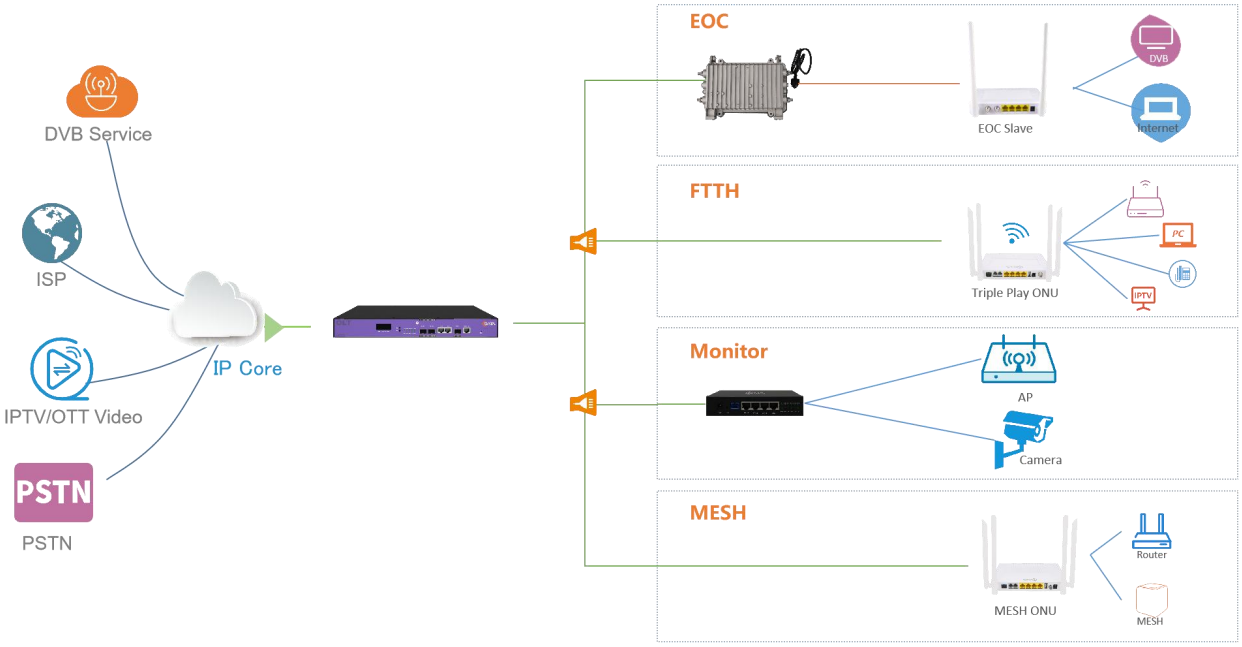
2PON PORT GPON OLT

Dedicated Chip | LED screen | WIFI management | High Speed CPU

Brief Views

GPON OLT FD1602S-B1 completely meet relative standard of ITU G.984.x and FSAN, the device with 2 uplink Ethernet ports and 1 10 Gigabit uplink port and 2 GPON port.Each GPON port supports the splitting ratio of 1:128, The GPON system supports up to 256 terminal connections.





Functional Feature

GPON Function

- ITU-T G.984/G.988 standard
- Support OMCI protocol
- T-CONT DBA
- GEMPORT traffic
- ONU auto discover
- Ranging function
- Downstream data encrypted

Layer 2 Switching Function

- Access/Trunk/Hybrid L2 access mode
- Support 64K MAC address
- Support 4094 VLANs
- VLAN filter function,VLAN transform
- L2 port mirror
- MAC address learning/aging

Other

- Display screen can show the IP address, the number of ONU terminals, etc
- Optional support for BBU

Multicast Function

- IGMP snooping
- IGMP V1/V2/V3
- Multicast VLAN translation

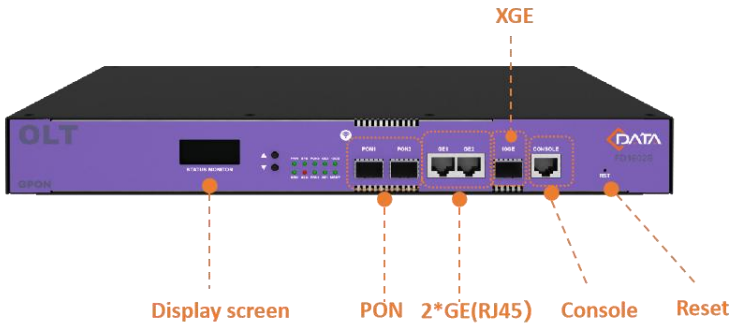
Management Function

- CLI/WEB/Telnet/SSH/MQTT
- Performance Management
- Alarm Management
- Security Management
- Wifi access, direct mobile phone wifi login device management

Maintenance Function

- Device log
- Device upgrade
- Fault diagnose function
- Condition monitoring function

Product Interface



Product Specification

Mechanics	
Dimensions	360mm(L)*193mm(W)*44mm(H)
Weight	1.70Kg

Hardware					
Uplink Port	2*10/100/1000M auto-negotiation Ethernet ports				
	1*10 Gigabit uplink port				
PON Port	Quantity	2			
	Physical interface	SFP slot			
	Interface type	GPON: ITU-TG.984.2 Class B+/Class C+/Class C++			
	Max splitting ratio	GPON: 1:128			
Management Port		1 CONSOLE local management port			
PON Port attribute	Transmission distance	20KM			
	Port rate	GPON: Downstream: 2.5Gbps Upstream: 1.25Gbps			
	Wavelength	Forwarding: 1490nm Receiving: 1310nm			
	Interface type	SC/UPC			
	Fiber type	9/125μm SMF (Single Mode Fiber)			
	Light transmission power	Class B+:+1.5 ~ +5dBm	Class C+:+3 ~ +7dBm	Class C++: +4.5dBm~+10dBm	Class C++++:+7.5dBm~+10.5dBm
	Receiving sensitivity	Class B+:-28dBm	Class C+:-30dBm	Class C++:-31dBm	Class C++++:-30dBm
	Saturation power	Class B+:-8dBm	Class C+:-12dBm	Class C++:-10dBm	Class C++++:-10dBm
Backplane Bandwidth		31.5G			

Power supply	
AC	100V ~ 240V，47~63Hz
DC	External adapter mode 12V/2.5A

Environment	
Working temperature	-15 ~ 50℃
Storage temperature	-40 ~ 85℃
Ambient humidity	5 ~ 90% (Non-condensing)

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