

FD1602S-B1

2PON PORT GPON OLT



Dedicated Chip



LED screen



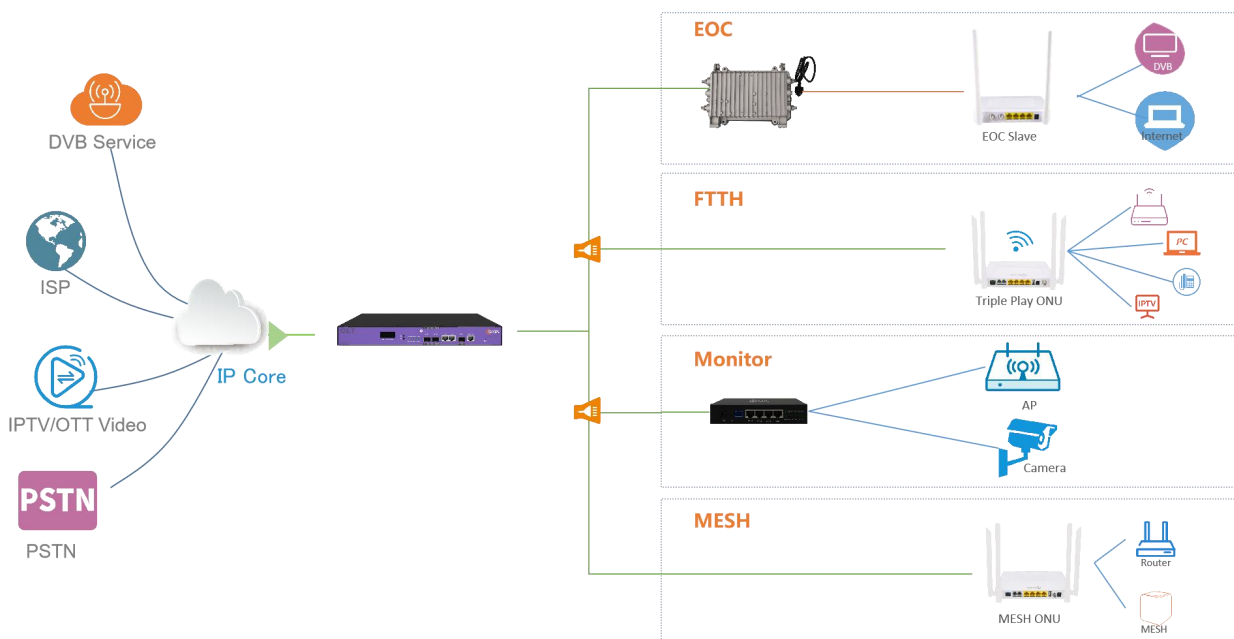
WiFi management



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

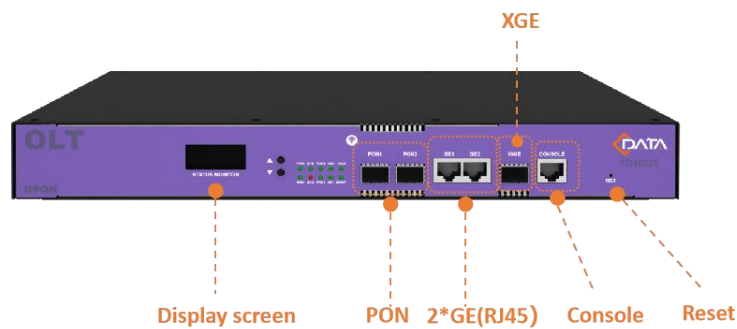
Management Function

- 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		
Optional port	1*10 Gigabit uplink port		
PON Port	Quantity	2	
	Physical interface	SFP slot	
	Interface type	GPON: ITU-TG.984.2 Class B+/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
	Receiving sensitivity	Class B+ : -28dBm	Class C+ : -30dBm
	Saturation power	Class B+ -8dBm	Class C+ -12dBm
Backplane Bandwidth	31.5G		

Power supply

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

Environment

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

Copyright © Shenzhen C-Data Technology Co., Ltd. 2023. All rights reserved.

Without the prior written consent of C-DATA, any reproduction, excerpting, backup, modification, translation or any other form of commercial use of this document or any portion of this document, and in any form or by any means, to transmit the document are prohibited.