

# FT1004B

## 4PON PORT Remote GPON OLT



Dedicated Chip



LED screen



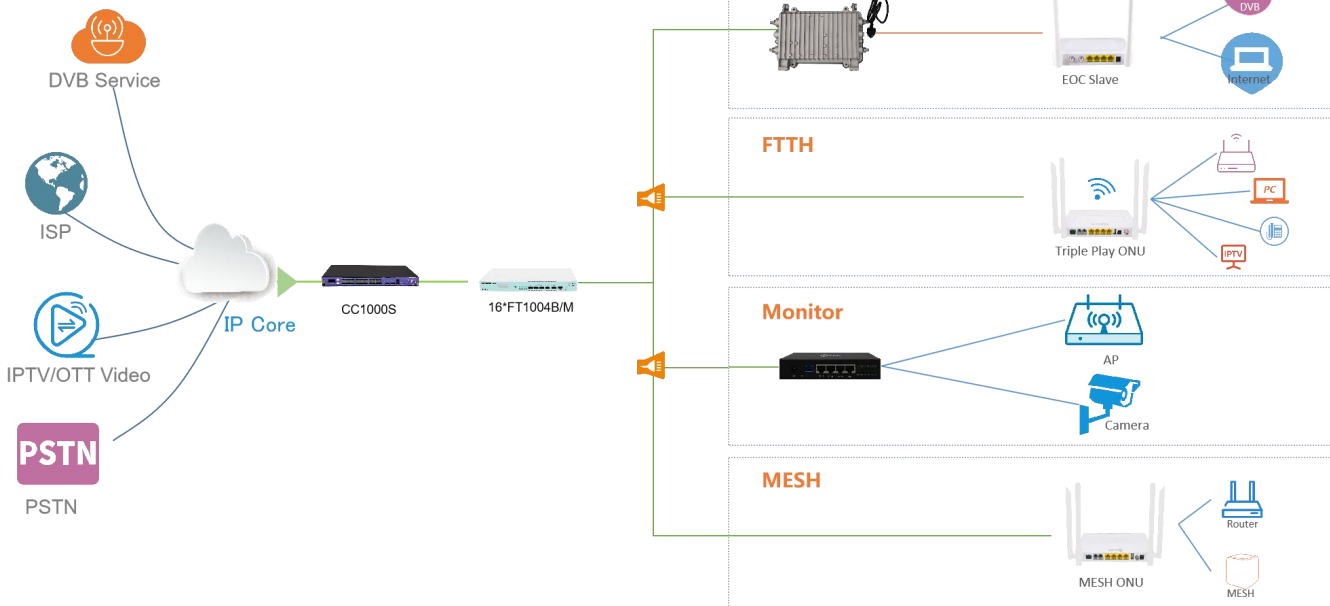
Software Customization



High Speed CPU

### Brief Views

GPON OLT FT1004B completely meet relative standard of ITU G.984.x and FSAN, the device with 1\*10 Gigabit uplink port and 4 GPON port. Each GPON port supports the splitting ratio of 1:128, The GPON system supports up to 512 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

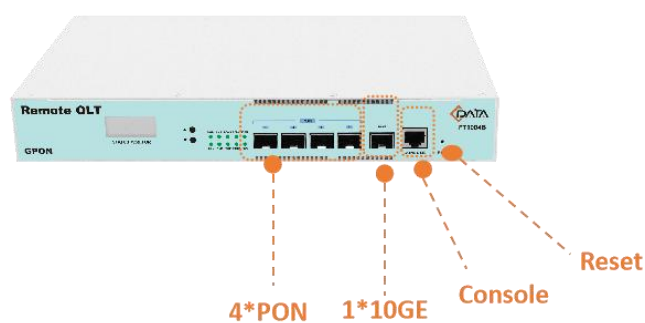
### Management Function

- CLI/WEB/Telnet/SSH/MQTT
- Performance Management
- Alarm Management
- Security Management

### Maintenance Function

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

## Product Interface



# Product Specification

## Mechanics

Dimensions	310mm(L)*192mm(W)*44mm(H)
Weight	1.95Kg

## Hardware

Uplink Port	1*10 Gigabit uplink port	
PON Port	Quantity	4
	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	35G	

## 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)

## Order information

S.L	Model	Specifications	Accessory
1	FT1004B	4*GPON+1*10GE(SFP+)	1*AC/1*DC(12V); 1 * BBU (optional); 10GE SFP+module (optional); GPON SFP B+/C+/C++/C+++module (optional);

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