

CC1000S OLT Controller



Dedicated Chip



Modular



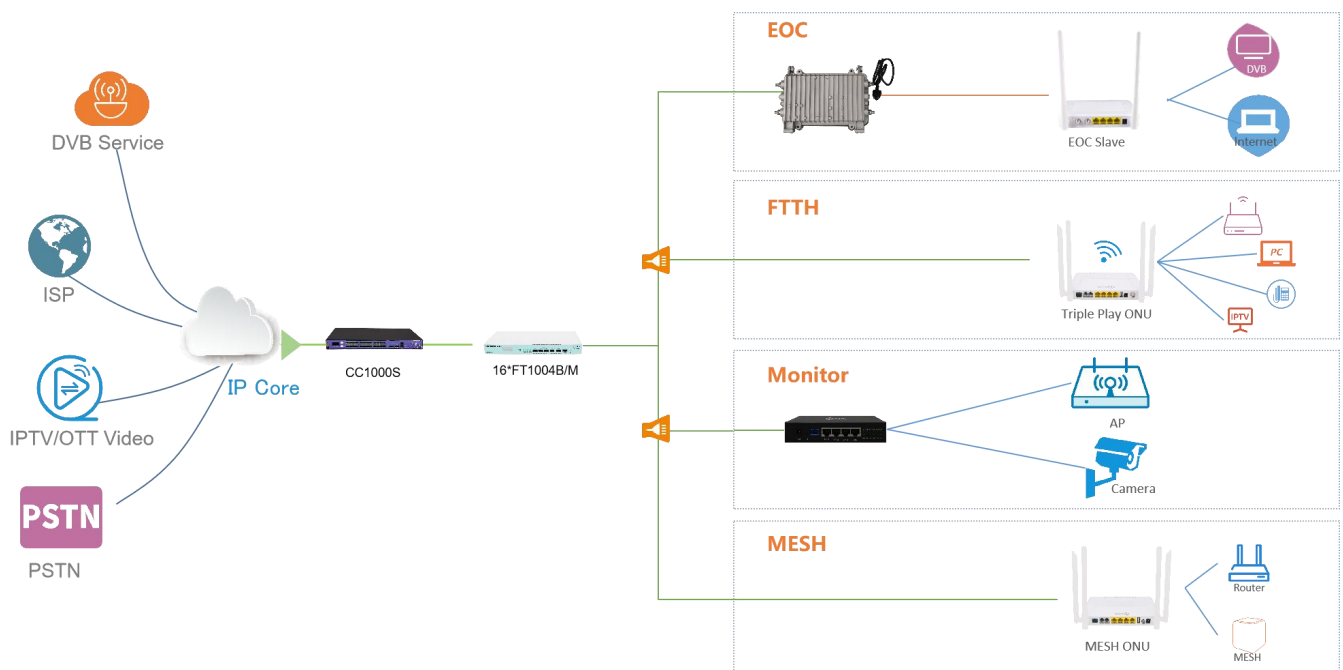
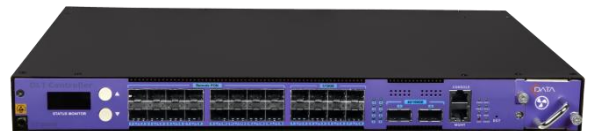
Back Battery Unit



Layer3 Switching

Brief Views

CC1000S can customize the number of PON ports and uplink ports, and can manage FT1004B/M of C-Data. It has the functions of aggregation switches, such as switching, routing, QoS, link aggregation, flow control, cloud integration, and so on. In addition, CC1000 has additional interfaces, IO, 1588.



Functional Feature

Layer 2 Switching Function

- Access/Trunk/Hybrid L2 access mode
- Support 64K MAC address
- Support 4094 VLANs
- VLAN filter function,VLAN transform
- Smart QinQ
- 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

Management Function

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

Multicast Function

- IGMP snooping
- IGMP V1/V2/V3
- Multicast VLAN translation
- Multicast QOS
- IGMP protocol statistics

QOS Guarantee

- Traffic control function
- Congestion avoidance function
- Queue scheduling function
- COS Priority function
- ACL function

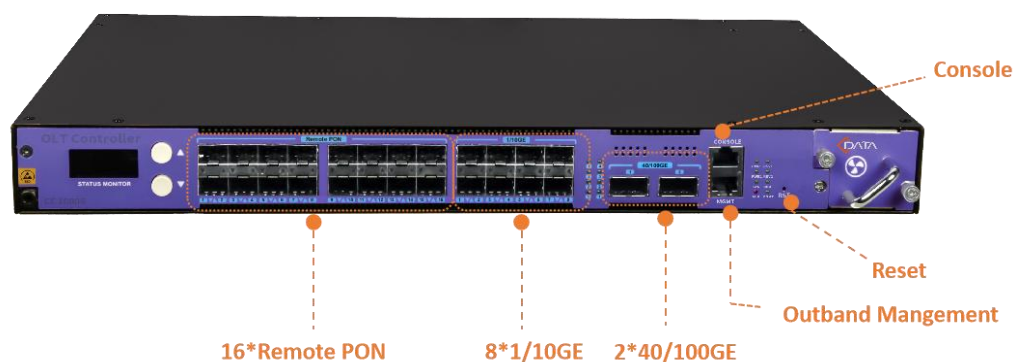
Reliability Function

- 1+1 power modules
- BBU optional
- Fan speed automatically adjusts based on temperature
- Enables manual adjustment for primary and secondary power sources

Maintenance Function

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

Product Interface



Product Specification

Mechanics

Management Rack	1U 19-inch standard box
Dimensions	441mm(L)*296mm(W)*44mm(H)
Weight	About 4.45kg

Hardware

Remote PON	16*1/10GE
Uplink Port	8*1/10GE 2*40/100GE
Management Port	1 100/1000BASE-Tx out-band Ethernet port 1 CONSOLE local management port

Power Supply

AC	100V ~ 240V
DC	-40 ~ - 57 V

Environment

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

Order information

S.L	Model	Specifications	Accessory
1	CC1000S	24*10GE(SFP+)+2*100GE(QSFP28)	1/2*AC/DC; 1 * BBU (optional); 10GE SFP+module (optional); 100GE QSFP28 module (optional);

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