

Rack-Mounted EPON OLT



UB5004 EL

4 PON PORTS

DUAL POWER SUPPLY

Product Description

UB5004 EL-V EPON OLT product is a 1U chassis device with L3 function developed by UBIQCOM. It complies with IEEE802.3ah standard, compatible with mainstream brand ONU access, easy to build EPON network flexibly and efficiently. It is smart, easy to deploy, and high performance. It is smart, easy to deploy, and high performance, meeting the performance and volume requirements of users in different environments, and It also supports rich operation and maintenance tools such as EMS, WEB, Telnet, SSH and mobile APP, provides users with stable, efficient and value-added network access services.

The product is suitable for "Triple-Play", CPN, IP Camera, Enterprise LAN and IOT applications.

UB5004 EL-V EPON OLT provides 4*EPON Port, 4*GE(RJ45) Port and 4*10GE(SFP+) Port.

It can support 256 ONU under 1:64 splitter ratio.

Functional characteristics

Meet International Standards :

Meet IEEE802.3ah standard

Full Open Platform :

Compatible with mainstream brands ONU

Leading Layer 3 Function :

Support Dynamic Routing RIP v1/v2

Support Dynamic Routing OSPF v2

Flexible Management :

Support EMS/Telnet/CLI/WEB/SSH

Management Method

Support android Mobile APP Management

High Cost-effective :

1U Compact Design

Adopt Mainstream High-performance Chip Solution

PRODUCT FEATURES AND SPECIFICATIONS

UB5004 EL-V EPON OLT

1G/10G Uplink Port

Copper 10/100/1000M
4 *Downstream EPON ports
4 *Uplink GE ETH ports
4 *Uplink GE SFP ports
4 *Uplink 10G ports

EPON Port

Quantity:4
Physical Interface: SFP Slot
Module Type: PX20+, PX20++
Max Splitting Ratio: 1:64
Transmission speed:
Up and Down Symmetrical 1.25Gbps

Management Interface

1*10/100M Ethernet out-of-band management port,
1*Console Port

Management Mode

Support EMS Management Platform
Support Telnet, CLI, WEB, SSH

Layer 2 Function

Support Port VLAN, Protocol VLAN
Support VLAN TAG/UNTAG, VLAN transform, VLAN transparent
Support 4096 VLAN
Support IEEE802.3ad Link Aggregation
Support IGMP Snooping
Support RSTP
Support QoS based on port, VID, TOS and MAC address
Support IEEE802.x Flow Control
Support Port Stability Statistic and Monitoring

Layer 3 Function

Support Dynamic Routing RIP v1/v2
Support Dynamic Routing OSPF

PON Port Function

Conform to IEEE802.3ah International Standard
Support ONU Uplink and Downlink Speed Limiting Functions
Support ONU Auto-discovery/Link Detection/Remote Upgrade of Software
Support Various LLID Configuration and Single LLID Configuration
Support Broadcast Storm Suppression
Support Port Isolation Between Different Ports
Support ACL and SNMP to Configure Data Packet Filter Flexibly
Support Dynamic Distance Calculation on EMS Online
Support Credit Time Control, CATV Management Special Function

Dimension(L*W*H)(mm):
442*200*43

Weight(kg):3.2
Power Input:
AC 100~240V, 50/60Hz
DC -48V

Dual Power Backup: Support
Max Power Consumption(W): 30

Environmental Requirement

Operating Temperature: 0~+50°C
Storage Temperature: -40~+85°C
Relative Humidity: 5~90%(non-condensing)

Ordering Information

UB5004 EL
Dual AC Power

4*EPON+4*1GE(RJ45)+4*1GE(SFP)/10GE(SFP+)
Dual AC Power

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