

E/GPON (XPON) ONU



UB5310G+

1GE+CATV

Product Description

G/EPON 1GE+CATV ONU is support Dual mode(EPON and GPON), It can also be applied to a wide temperature environment, and also has a powerful firewall function.

G/EPON 1GE ONU meets telecom operators FTTO (office), FTTD (Desk), FTTH(Home) broadband speed, SOHO broadband access, video surveillance and other requirements and design a GPON/EPON Gigabit Ethernet products. The box is based on the mature Gigabit GPON/EPON technology, highly reliable and easy to maintain, with guaranteed QOS for different service. And it is fully compliant with technical regulations such as ITU-T G.984.x and IEEE802.3ah.

UB5310G+ is 1GE+CATV ONU designed for fulfilling FTTH ultra-broadband access request of home and SOHO users.

MAIN FEATURES

- Dual mode
Access EPON/GPON OLTs)
- Compatible with popular OLT (HW,ZTE...)
- Industrial Design
- Routing or Bridging Mode
- Detecting Rogue ONU
- Flow & Storm Control , Loop Detection
- Firewall: DDOS, Filtering Based on
ACL/MAC/URL
- O&M:WEB/TELNET/OAM(OMCI)/TR069

PRODUCT FEATURES AND SPECIFICATIONS

UB5310G+ XPON ONU

PON interface

1 G/EPON port(EPON PX20+ and GPON Class B+)
Wavelength:Tx1310nm,Rx 1490nm
SC/UPC connector
Receiving sensitivity: ≤ -28 dBm
Transmitting optical power: 0~+4dBm
Transmission distance: 20KM

LAN interface

1 x 10/100/1000Mbps auto adaptive Ethernet interfaces.10/100/1000M Full/Half, RJ45 connector

Operating condition

Temperature: $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Humidity: 10%~90% (non-condensing)

Storing condition

Temperature : $-30^{\circ}\text{C} \sim +70^{\circ}\text{C}$
Humidity :10%~90% (non-condensing)

CATV interface RF

Optical power : $+2 \sim -18$ dBm
Optical reflection loss: ≥ 45 dB
Optical receiving wavelength: 1550 ± 10 nm
RF frequency range: 47~1000MHz, RF output impedance: 75 Ω
RF output level and AGC range:
83dbuv@0~-10dBm / 81dbuv@-1~-11dBm /
79dbuv@-2~-12dBm /
77dbuv@-3~-13dBm / 75dbuv@-4~-14dBm /
73dbuv@-5~-15dBm
MER: ≥ 32 dB(-14dBm optical input), > 35 (-10dBm)

Power supply: DC 12V/0.5A(option)

LED

3, For Status of REG、SYS、LINK/ACT
Power consumption
 ≤ 4 W

Dimension

82mm×82mm×25mm (L×W×H)
Net weight: 85g

Software Key Feature

EPON/GPON mode	Dual mode , Can access EPON/GPON OLTs.
Software mode	Bridging mode and Routing mode.
Abnormal protection	Detecting Rogue ONU, Hardware Dying Gasp.
Firewall	DDOS, Filtering Based on ACL/MAC/URL.
Layer2	802.1D&802.1ad bridge, 802.1p Cos, 802.1Q VLAN.
Layer3	IPv4/IPv6, DHCP Client/Server , PPPoE, NAT , DMZ ,DDNS.
Multicast	IGMP v1/v2/v3 , IGMP snooping.
Security	Flow & Storm control, Loop Detection.
O&M	WEB/TELNET/OAM/OMCI/TR069.

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