



E/GPON (XPON) ONU

UB5021 GW-D

2GE+1POTS+DUAL-BAND WIFI

Product Description

2GE+1POTS+Wi-Fi GPON/EPON HGU terminal devices are designed for fulfilling FTTH and triple play service demand of fixed network operators. These boxes are based on the mature Chipset (Realtek) technology, which have high ratio of performance to price, and the technology of IEEE802.11b/g/n/ac Wi-Fi, Layer 2/3, and high quality VoIP as well. Support full management of HGU devices through UBIQCOM OLT. They are highly reliable and easy to maintain, with guaranteed QoS for different service. And they are fully compliant with technical regulations such as IEEE802.3ah, ITU-T G.984.x and technical requirement of GPON Equipment.

MAIN FEATURES

- Support full management of HGU functions by UBIQCOM OLT
- Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade , etc.
- Integrated OAM/OMCI remote configuration and maintenance function
- Support rich QinQ VLAN functions and IGMP Snooping multicast features
- Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset
- Support 802.11n/ac Wi-Fi(4T4R) function
- Support NAT, Firewall function
- Support IPv4 and IPv6 dual stack
- Support SIP protocol
- Speed on Wi-Fi :
 - 2.4ghz Upto 300Mbps
 - 5.8ghz Upto 1200Mbps

PRODUCT FEATURES AND SPECIFICATIONS

UB5021 GVW-D XPON ONU

PON interface

1 G/EPON port(EPON PX20+ and GPON Class B+)
Receiving sensitivity: ≤ -28 dBm
Transmitting optical power: 0~+4dBm
Transmission distance: 20KM

Wavelength

Tx1310nm,Rx 1490nm

Optical interface

SC/UPC connector

LAN interface

2 x 10/100/1000Mbps auto adaptive Ethernet interfaces, Full/Half, RJ45 connector

POTS interface

1 x RJ11 connectors
Support: G.711A/G.711U/G.723/G.729 codec
Support: T.30/T.38/G.711 Fax mode, DTMF Relay

LED

9, For Status of POWER、LOS、PON、WAN、LAN1、LAN2、2.4G、5G、PHONE(option)

Management Mode

OAM/OMCI、Telnet、WEB、TR069
Support full management of HGU functions by VSOL OLT

Wi-Fi interface

Compliant with IEEE802.11b/g/n/ac
2.4GHz Operating frequency: 2.400-2.483GHz
5.0GHz Operating frequency: 5.150-5.825GHz
Support MIMO, 4T4R,5dBi external antenna, rate up to 1.167Gbps
Support: multiple SSID
TX power: 11n--22dBm/11ac--24dBm

Operating condition

Temperature: 0°C~+50°C
Humidity: 10%~90% (non-condensing)

Storing condition

Temperature: -30°C~+60°C
Humidity: 10%~90% (non-condensing)

Power adapter

DC 12V/1A
Power supply ≤ 10 W

Dimension

178mm×120mm×30m(L×W×H)

Net weight

0.32Kg

Wi-Fi Service Functions

- Integrated 802.11b/g/n/ac
- Support max 128 users
- Authentication : WEP/WAP-PSK(TKIP)/WAP2-PSK(AES)
- Modulation type: DSSS、CCK and OFDM
- Encoding scheme: BPSK、QPSK、16QAM and 64QAM

Data Service Functions

- Full speed non-blocking switching
- 2K MAC address table
- 64 full range VLAN ID
- Support QinQ VLAN, 1:1 VLAN, VLAN reusing, VLAN trunk, etc
- Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc
- Support bridge, router and bridge/router mixed mode

UBIQCUM INDIA PVT. LTD.

Corporate Office: D-92, First Floor, Sector - 63, Noida, UP-201301, India | Website: www.ubiqcom.in | Email: info@ubiqcom.in

Call Us: +91 99 10 77 17 97 | Support Toll Free: 1800-1212-051

Branch Offices: Delhi, Noida, Mumbai, Pune, Chandigarh, Bengaluru, Hyderabad, Ahmedabad, Chennai, Kolkata, Kochi