

UB5020 GWD xPON ONU

2GE+AC Wi-Fi

DUAL BAND WIFI



Product Description

2GE+ac Wi-Fi ONU 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 VSOL 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/EPON Equipment from China Telecom.

Product Features

- Dual Mode (can access GPON/EPON olts).
- Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade, etc.
- Integrated OAM remote configuration and maintenance function.
- Upto1200Mbps on 5GHz and Upto 300 Mbps on 2.4 GHz
- Support rich QinQ VLAN functions and IGMP Snooping multicast features.
- Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.
- Support 802.11n, 802.11ac Wi-Fi(4T4R) function
- Support NAT, Firewall function.
- Support IPv4 and IPv6 dual stack.
- Support SIP protocol.

PRODUCT FEATURES AND SPECIFICATIONS

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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

LED

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

Power supply ≤ 10 W

Dimension 185mm×120mm×34m(L×W×H)

Net weight 0.32Kg

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/1.5A or DC12V/1.0A

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