

# GPU314

GPON ONT 4GE+WIFI



**GPU314** GPON OLT ONU is a new terminal level GPON ONT, which is a variety of FTTB \ FTTH \ FTTO accessing ONT published by DIBSYS for carrier-grade FTTH network applications. It is highly reliable and easy to maintain, with guaranteed QOS for different service. And It is fully compliant with technical regulations and technical requirement of GPON Equipment.

It can support pure data, Data+ WIFI and many other service accessing type. By using the GPON technology, ultra-broadband access is provided for home and SOHO users. The GPU314 features high-performance forwarding capabilities to ensure excellent experience with Internet and HD video services. GPU314 GPON OLT ONU supports standard OMCI, can provide up to 1.25Gbps uplink and 2.5Gbps downlink high-speed transfer rate. It can fully meet carrier-grade FTTB\FTTH\FTTO equipment needs, working with our NGBN unified network management system.

## Easy for deployment

Mounting mode and fiber coiling make installation very easy, with batch configuration on EMS to ensure zero configurations on ONT side.

## Easy for trouble shooting

Support ONT signal tracing and performance monitoring, and quickly locate fault on ONT.

## Features

- 1\* GPON standard port
- 4\* Ethernet port (10/100/1000Base-T)
- Support WIFI
- Plastic shell, 188\*135\*35 (W\*D\*H, mm)
- Full-loaded power consumption is lower than 8 W
- DC power switch, external power adapter, 12V/1.5A

## Application

- FTTB\FTTH\FTTO network application
- WiFi support

## TECHNICAL SPECIFICATIONS

### Gpon

Conforms to the ITU - T g. 984 GPON standard  
 Has all support function of forward error correction (FEC)  
 Support dynamic bandwidth status report  
 Uplink support mapping for traffic flow based on 802.1 p mapper  
 GEM between port and T - CONT support QoS scheduling based on SP or WRR  
 Support downstream multicast GEM port and radio GEM port

### Ethernet

Ethernet from consultation and MDI/MDIX automatic detection function  
 Built-in layer switches  
 Advanced data functions, such as a VLAN tag processing, flow classification and packet filtering

### Gateway

WAN port to support the Bridge, the Router mode and mode

The Router supports PPPoE/DHCP/static IP connection

Internet, IPTV, TR069, etc

LAN support DHCP and static IP

Network address translation (NAT)/network address port translation (NAPT)

Universal plug and play (UPnP)

### Wi-Fi

Compatible with the IEEE 802.11 b/g/n support 300 MBPS

Built-in 2 x2 MIMO antenna

Support single frequency 2.4 GHz

Support WEP, WPA wpa2-psk, connected wpa2-psk encryption, etc

**OAM**

Conforms to the ITU - T G. 988 standard OMCI (embedded operating channels) management interface

TR - 069 standard

Accord with the TR - 098, TR - 140 terminal integrated management interface specification, supporting configuration of various services, including Ethernet, WLAN, etc

Alarm reporting and monitoring performance

Supported by OMCI for remote software upgrade

**ENVIRONMENT****size**

no support 195mm (long) \*188mm (wide) \*33mm (high)

with support 195mm (long) \*188mm (wide) \*51mm (high)

Consumption <13.9W

Power Supply 12V/1.5A

Temperature -15°C~55°C( operation), --40°C~70°C(Storage)

Relative humidity 10%~90%,no condensing

Weight 210g