



300Mbps GPON ONU

G631



Gigabit Port



2.5G Gpon

Technical Parameter

Key Features

User interface

- 1 *10/100/1000M RJ45
- 1 *10/100 RJ45
- 2.4GWiFi

PON

- GPON mode
- Interface Type:SC-UPC/SC-APC
- Transmission distance: 20KM
- GPON: upstream 1.25Gbps /downstream 2.5Gbps
- Transmitting optical power: 0.5~5dBm
- Optical receive sensitivity:≥-7~-28dBm

Ethernet

- 1 *10/100/1000M RJ45
- 1 *10/100 RJ45
- Full/half duplex mode
- 100m distance

Size

- 114mm(L) ×114mm(W) ×180mm(H)

Environment

- Operating temperature:0°C~60°C
- Operating humidity:10%~85% non-condensing
- Storage temperature:-40°C~80°C
- Storage humidity:5%~95% non-condensing

Power supply

- 12V/0.5A DC
- power interface size:2.1mm/5.5mm

Power

- <5W

Management

- WEB/TELNET/TR069/OMCI

- Support device - based rate limitation and bandwidth control
- In compliant with IEEE802.3ah and ITU-T G.984.x Standard
- Wi - Fi series meet 802.11 n/b/g technical standards
- Up to 20KM transmission Distance
- Support data encryption, group broadcasting, port Vlan separation ,etc.
- Support ONU auto - discovery/Link detection/remote upgrade of software;
- Support port VLAN configuration
- Support port binding
- Support port forwarding
- Support software online upgrading
- Support TR069 for ACS(Auto Config Server)
- Support Birdge/Router/PPPoE/DHCP Server

Wifi Features

- Wi-Fi Specification IEEE 802.11n compliant, 2.4 GHz
- Full IEEE 802.11b/g legacy compatibility with enhanced performance
- Two-stream spatial multiplexing up to300 Mbps PHY data rates
- Support automatic channel selection
- Support wireless security of 64/128 bit WEP,802.1x,WPA and WPA2

Product Interfaces

Ordering Information

No.	Interface	Status	Description
1	POWER	Power status	On: The ONU is power on Off: The ONU is Power off
2	PON	ONU Register	Blinking: In process of registering to OLT On: Success to register to OLT Off: Fail to register to OLT
	LOS	Optical Signals	On: Optical link lower than receiver sensitivity Off: Optical in normal
4	LAN	LAN Port status	Blinking: Data is being transmitted On:Ethernet connection is normal Off: Ethernet connection is not set up
5	2.4G	WIFI	Blinking: Data is being transmitted On: Wi - Fi function Opens Off: Wi - Fi function closes

Product Model	Descriptions
G631	1*10/100/1000M Ethernet interface(RJ45) 1*10/100 Ethernet interface(RJ45) 1 GPON interface 2.4G WIFI