



# **AP201H GPON ONT**

**User Manual**

**Revision B**

## ACT AP201B GPON OLT User Manual

ACT Document Number: ACT AP201B GPON OLT

User Manual Revision B

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This document is produced to assist professional and properly trained personnel with installation and maintenance issues for the product. The capabilities, system requirements and/or compatibility with third-party products described herein are subject to change without notice.

## Revision History

Revision	Date	Reason for Change
A	1/2/2024	Draft

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## Chapter 1 Product Introduction

### 1.1 Product Description

ACT AP201H GPON ONT is a high-end integrated broadband access device that is flexible and user-friendly. It can provide high-performance broadband access services for home users and individual businesses



Figure 1: AP201B GPON ONT

### 1.2 Special Features

- Comply with ITU-T G.984/988 standard and adopt GPON uplink
- Set and monitor the device through the WEB page
- Set the network with NAT and DHCP and help users easily connect to the network
- Strong firewall function
- Customize the online security performance for your device with MAC and URL filter functions

## Chapter 2 Hardware Connection

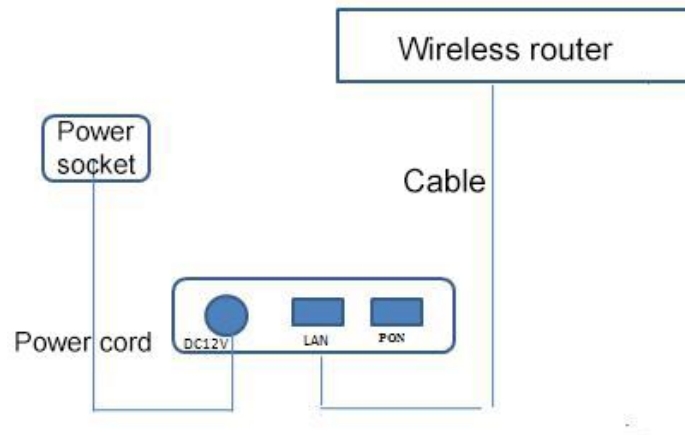


Figure 2: Hardware Connection

Check the indicator status after connection.

Abbrev.	Name	Color	Description
POWER	Power Indicator	Blue	On: The system is powered on normally. Off: The system is not powered on.
PON	PON Status Indicator	Green	Off: The ONU activation process has not started. On: The ONU has been activated. Flicker: The ONU is being activated. Off: The ONU normally receives optical power.
LOS	LOSS Status	Red	Flicker: The optical power received by the ONU is lower than the threshold of the optical receiver. Off: The system is not powered on or the Ethernet port does not connect to the terminal;
LAN	Ethernet Interface Status Indicator	Green	On: The Ethernet port has been connected, but there is no data transmission. Flicker: There is data transmission.

Table 1: Indicator Description

**Note:**

If the indicator does not work well, please check whether the connection is correct.

**Warning:**

- 1) Make sure the device is put on a horizontal and flat surface.
- 2) To avoid thunder-strike, disconnect all power lines from the power supply in thunder and rainy days.
- 3) Make sure that the workshop is well-ventilated, the heat of electrical devices is well-discharged and sufficient air circulation is provided for device cooling.
- 4) Use the rated power adapter equipped with the device.

## Chapter 3 Computer Setting

- 1) Click "**Start→Control**", "**Panel→Network**" and "**Internet→Network**" and Sharing "**Center→Local Area Connection**", select "**Local Area Connection**", and click "**Properties**".

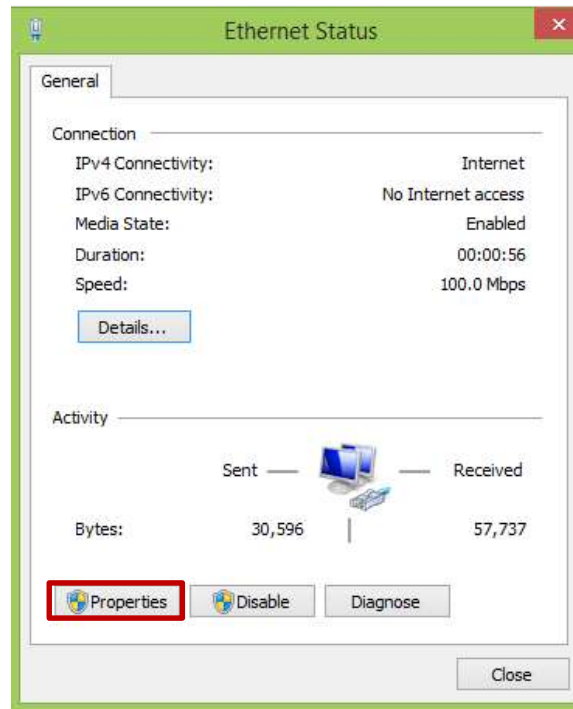


Figure 3: Ethernet Status

- 2) Double click "Internet Protocol 4 (TCP/IPv4)" as shown in the following figure:

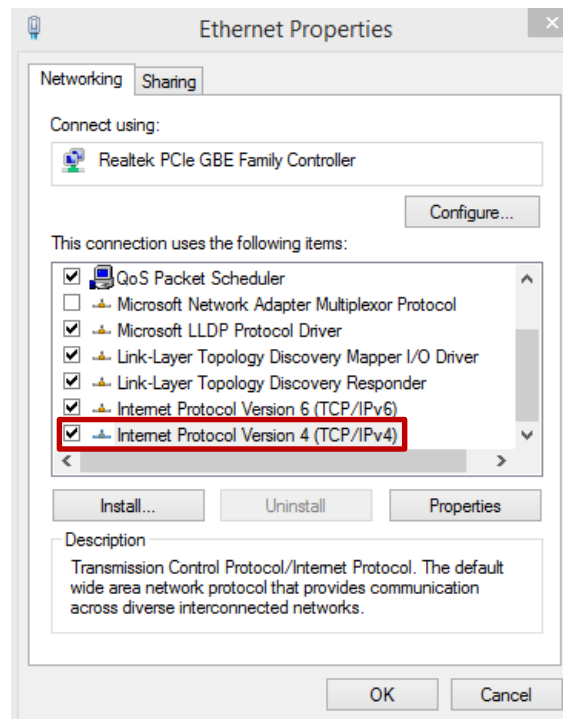


Figure 4: Ethernet Status

- 3) On the page of Internet Protocol 4 (TCP/IPv4) Properties, select **“Obtain an IP address automatically”** and **“Obtain DNS server address automatically”**, and then click **“OK”**.

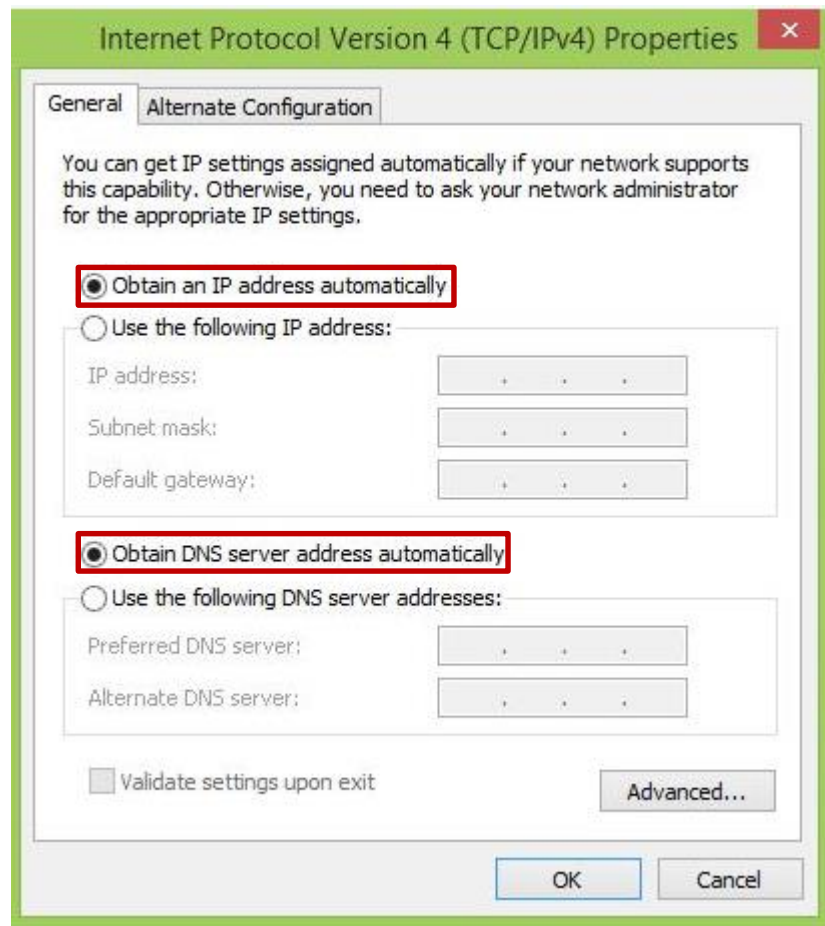


Figure 5: Internet Protocol

## Chapter 4 Wizard Setting

- 1) Open the web browser, for instance: IE or Sogou.

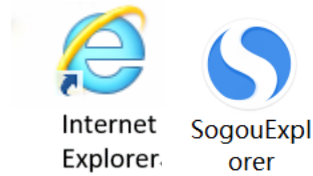


Figure 6: Web Browser

- 2) Enter **10.0.0.10** in the address bar and click “Enter” to the the web interface. Then enter the **UserName** (user by default) and **Password** (123456 by default) respectively in the interface **UserLogin**.

Input username and password

UserName:

Password:

Login

Figure 7: Login Interface

- 3) After **Login**, click “**Status**” on top of the navigation bar in Home Screen. Click “**Device**” on the left navigation bar of **Status**. Basic information of the device is shown in the following page.

**Site contents:**

- Status
- WAN
- Firewall
- Admin

### Device Status

This page shows the current status and some basic settings of the device.

System	
Uptime	51 min
Firmware Version	10.0.37B.848
CPU Usage	0%
Memory Usage	45%
Name Servers	
IPv4 Default Gateway	
IPv6 Default Gateway	

LANConfiguration	
IP Address	10.0.0.10
Subnet Mask	255.255.255.0
DHCP Server	Enabled
MAC Address	00e04c867001

WANConfiguration						
Interface	VLAN ID	Connection Type	Protocol	IP Address	Gateway	Status
nas0_0	0	INTERNET	Bridged			up

Refresh

Figure 8: Device Status

### Reset

Please reset your router if you forget its username and password. Reset method: Keep your router powered on and press the reset key “**RESET**” with a toothpick or a clip for 10 seconds and the router will reboot.

### Caution:

The configuration parameters of the router will return to the default setting after reset. Please re-configure your router as your requirement.



## Chapter 5 User Tips

1. If there is WiFi signal on the PC but it cannot connect to the Internet.
  - 1) Check whether the WiFi name is the same with SSID of the wireless router.
  - 2) Check the strength of the wireless signal. Adjust the location of the wireless router, if the wireless signal is weak.
  - 3) Refresh the network list and re-connect to the WiFi.
  - 4) Consult the manufacturer of the notebook or wireless adapter card and re-connect according to the relevant guidelines.
  - 5) Restart the PC.
2. If there is no WiFi signal on the laptop.
  - 1) Check whether the wireless adapter card is enabled.
  - 2) Check whether the driver of the wireless adapter card is successfully installed. If not, please reinstall.
  - 3) Check whether the WiFi function of the wireless router is enabled and access to SSID broadcast.
  - 4) Check whether the WiFi service is enabled. Right-click **"My computer"** on the desk of home screen (take Windows 7 as an example) and select **"Management"**. Then select **"service and application program"**, and select **"service"** after the page is unfolded. Find **"WLAN AutoConfig"** and ensure it is enabled.
  - 5) Check whether there is wireless signal if keep the laptop closer to the wireless router.
  - 6) Retry to connect other wireless adapter card if the above solutions are unsatisfactory. If not, reset the wireless router.



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