

TA1910-1GF-W User Manual



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1 FS TA1910-1GF-W User Manual

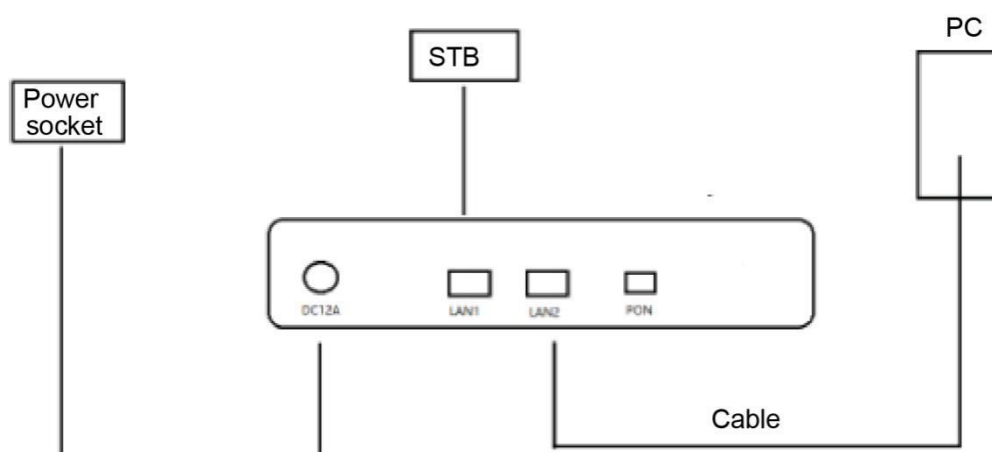
1.1 Introduction

FS TA1910-1GF-W is a high-end integrated broadband access device that is flexible and user-friendly, conforming to the IEEE802.11b/g/n standard. It can provide high-performance broadband access services for home users and individual businesses.

Its main characteristics:

- Comply with ITU-T G.984/988 standard and adopt GPON uplink;
- Set and monitor the device through the WEB page;
- Remote configuration and management through TR069 protocol;
- 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;
- Surf the internet by wireless.

1.2 Hardware Connection



Check the indicator status after connection.

| Abbrev. | Name | Indicator color | Description |
|---------|--------------------------|-----------------|--|
| PWR | Power indicator | Green | On: The system is powered on normally. Off: The system is not powered on. |
| PON | PON status indicator | Green | Off: The ONU has not started to activate. On: The ONU has been activated. Flicker: The ONU is being activated. |
| LOSS | Optical signal indicator | Red | Off: The ONU normally receives optical power. |

| | | | |
|--------|-------------------------------------|-------|--|
| | | | Flicker: The optical power received by the ONU is lower than the threshold of the optical receiver. |
| WIFI | Wireless status indicator | Green | Off: The system is not powered on or the wireless interface does not connect to any network device; On: The wireless interface has been connected, but there is no data transmission. Flicker: There is data transmission. |
| LAN1~2 | Ethernet interface status indicator | Green | Off: The system is not powered on or the Ethernet port does not connect to the terminal; On: The Ethernet port has been connected, but there is no data transmission. Flicker: There is data transmission. |

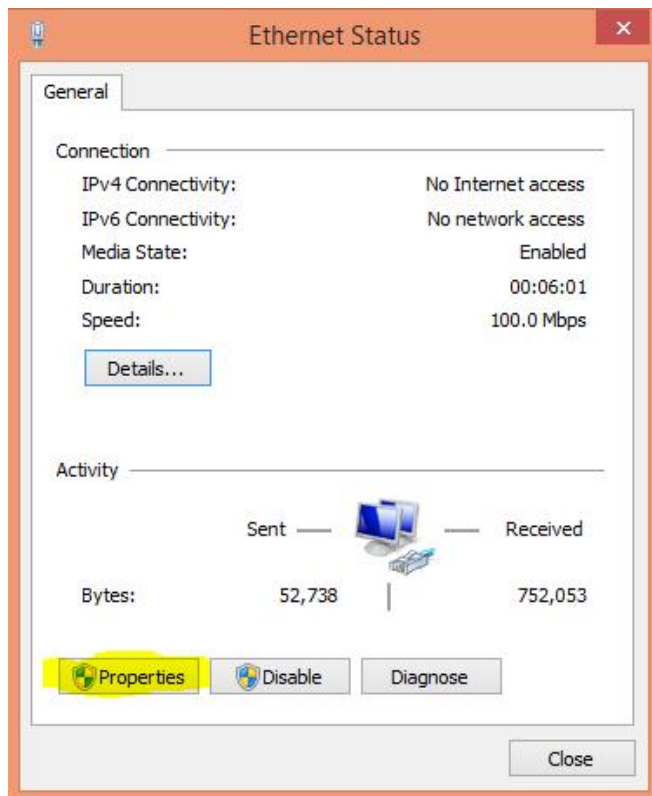
Note: If the indicator does not work well, please check whether the connection is correct.

Warning:

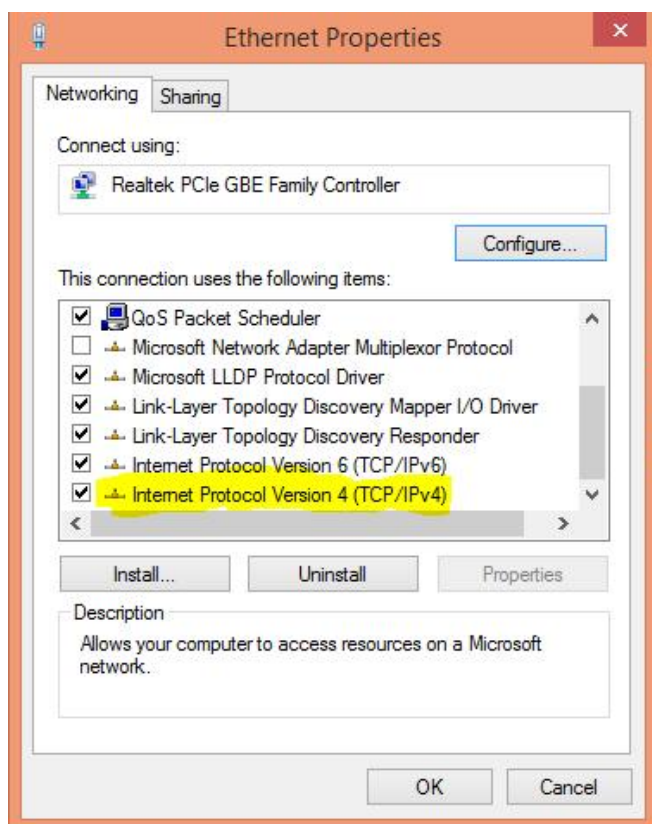
- 1) Make sure the device is put on a horizontal and flat surface.
- 2) To avoid thunder-strike, disconnect all power lines from the power supply in thunder and rainy days.
- 3) Make sure that the workshop is well-ventilated, the heat of electrical devices is well-discharged and sufficient air circulation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

1.3 Computer Setting

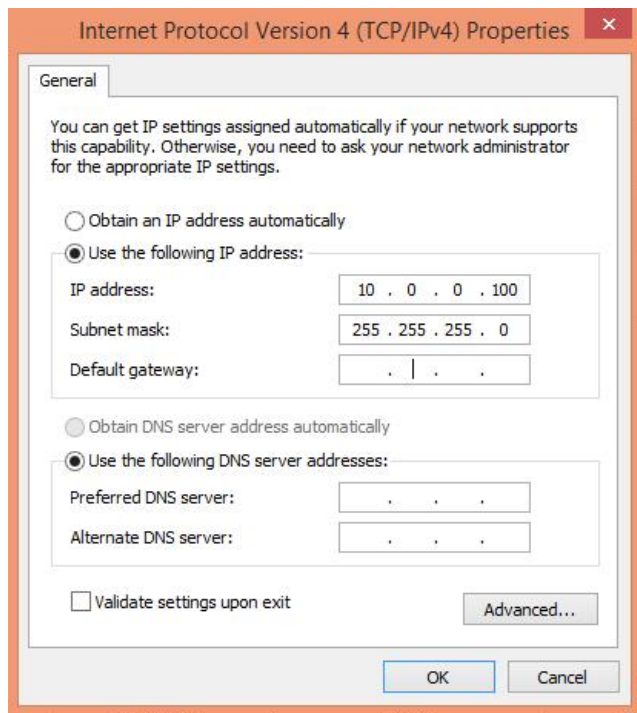
- 1) Click "Start→Control Panel→Network and Internet→Network and Sharing Center→Local Area Connection", select "Local Area Connection", and click "Properties".



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



- 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".



1.4 Wizard Setting

- 1) Open the web browser.



- 2) Enter **10.0.0.10** in the address bar and click "Enter" to the the web interface. Then enter the **UserName** (admin by default) and **Password** (super&123 by default) respectively in the interface **UserLogin**.



- 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.

Status

Device

IPv6

PON

Device Status

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

| System | |
|----------------------|--------------|
| Device Name | TA1910-1GF-W |
| Uptime | 5 min |
| Firmware Version | 10.0.39D.851 |
| CPU Usage | 7% |
| Memory Usage | 32% |
| Name Servers | |
| IPv4 Default Gateway | |
| IPv6 Default Gateway | |

| LAN Configuration | |
|-------------------|---------------|
| IP Address | 10.0.0.10 |
| Subnet Mask | 255.255.255.0 |
| DHCP Server | Enabled |
| MAC Address | 0055B13036D2 |

| WAN Configuration | | | | | | |
|-------------------|---------|-----------------|----------|------------|---------|--------|
| Interface | VLAN ID | Connection Type | Protocol | IP Address | Gateway | Status |
| nas0_0 | 0 | INTERNET | Bridged | | | up |

[Refresh](#)

- 4) On page of **WLAN Basic Settings**, you can tick or not tick Disable WLAN Interface to disable WiFi. And you can also modify the wireless name, authentication mode and password.

Status

WLAN

Firewall

Admin

WLAN Basic Settings

This page is used to configure the parameters for WLAN clients which may connect to your Access Point. Here you may change wireless encryption settings as well as wireless network parameters.

☐ Disable WLAN Interface

| | | | |
|---------------------------------|--|-----------------------------|--|
| Band: | 2.4 GHz (B+G+N) ▼ | | |
| Mode: | AP ▼ | Multiple AP | |
| SSID: | HGU-9CCC | | |
| Channel Width: | 20MHz ▼ | | |
| Control Sideband: | Upper ▼ | | |
| Channel Number: | Auto ▼ | | |
| Radio Power (%): | 100% ▼ | | |
| Limit Associated Client Number: | Disabled ▼ | <input type="text"/> | |
| Associated Clients: | Show Active WLAN Clients | | |

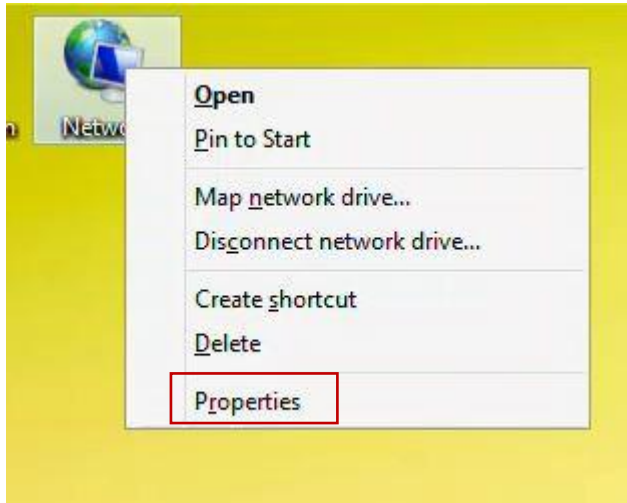
[Apply Changes](#)

- 5) Click "**Apply Changes**" to proceed to the next step.

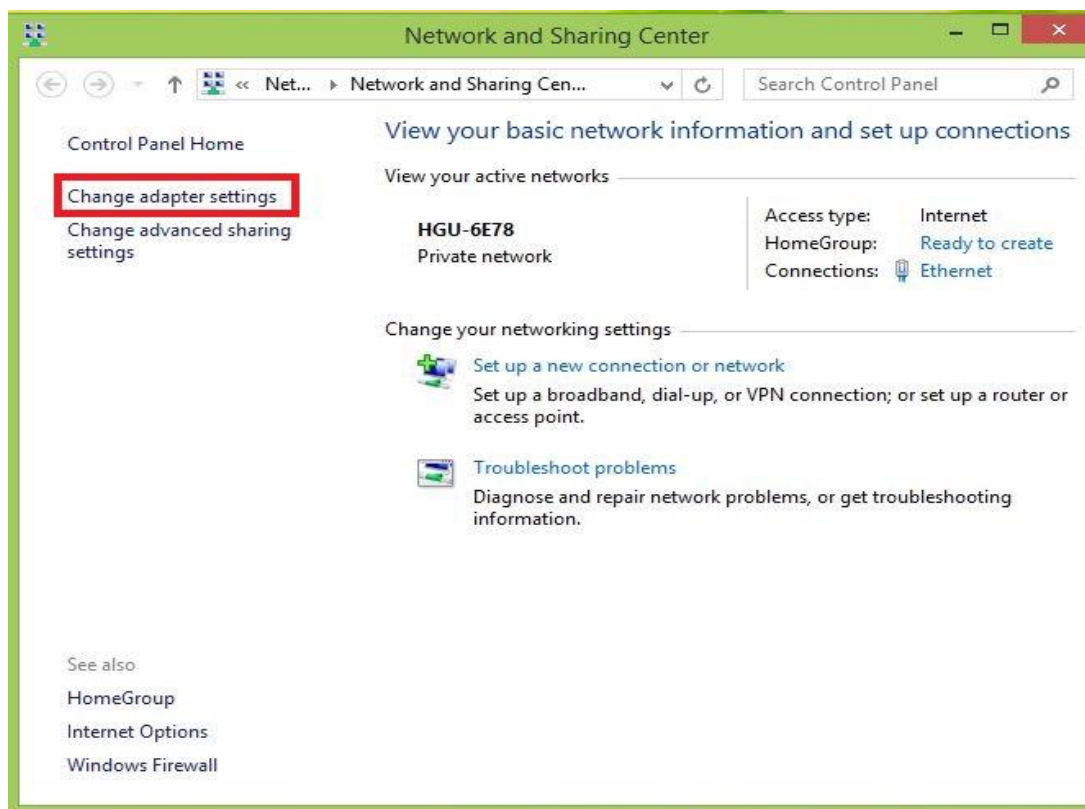
1.5 System Wireless Setting

If you want to use the wireless network, please make sure your PC is equipped with the wireless adapter card, then do as following steps. Here takes Windows 7 System as an instance:

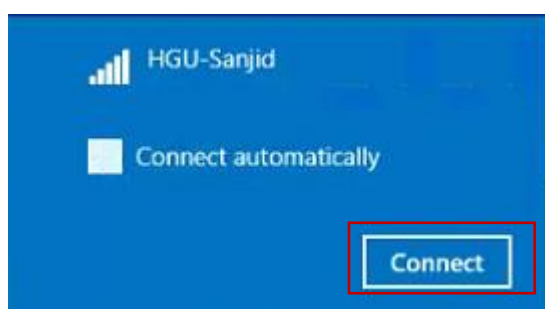
- 1) Select "**Network**" and "**Properties**".



- 2) Click "**Wireless Network Connection**".



- 3) Click the "**Refresh**" button, select the wireless network name of the terminal device, and double-click the name.



- 4) Enter the password and click "OK".



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.

1.6 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