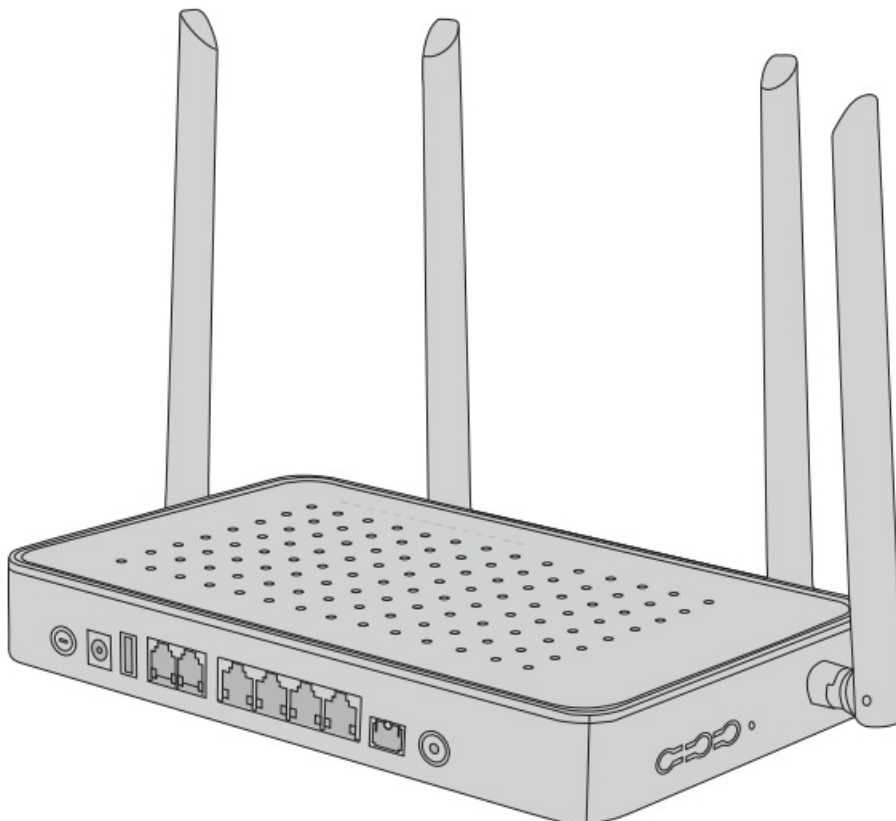


# FS COM TA1910-4GVC-W Wireless Access Point Owner's Manual

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## FS COM TA1910-4GVC-W Wireless Access Point



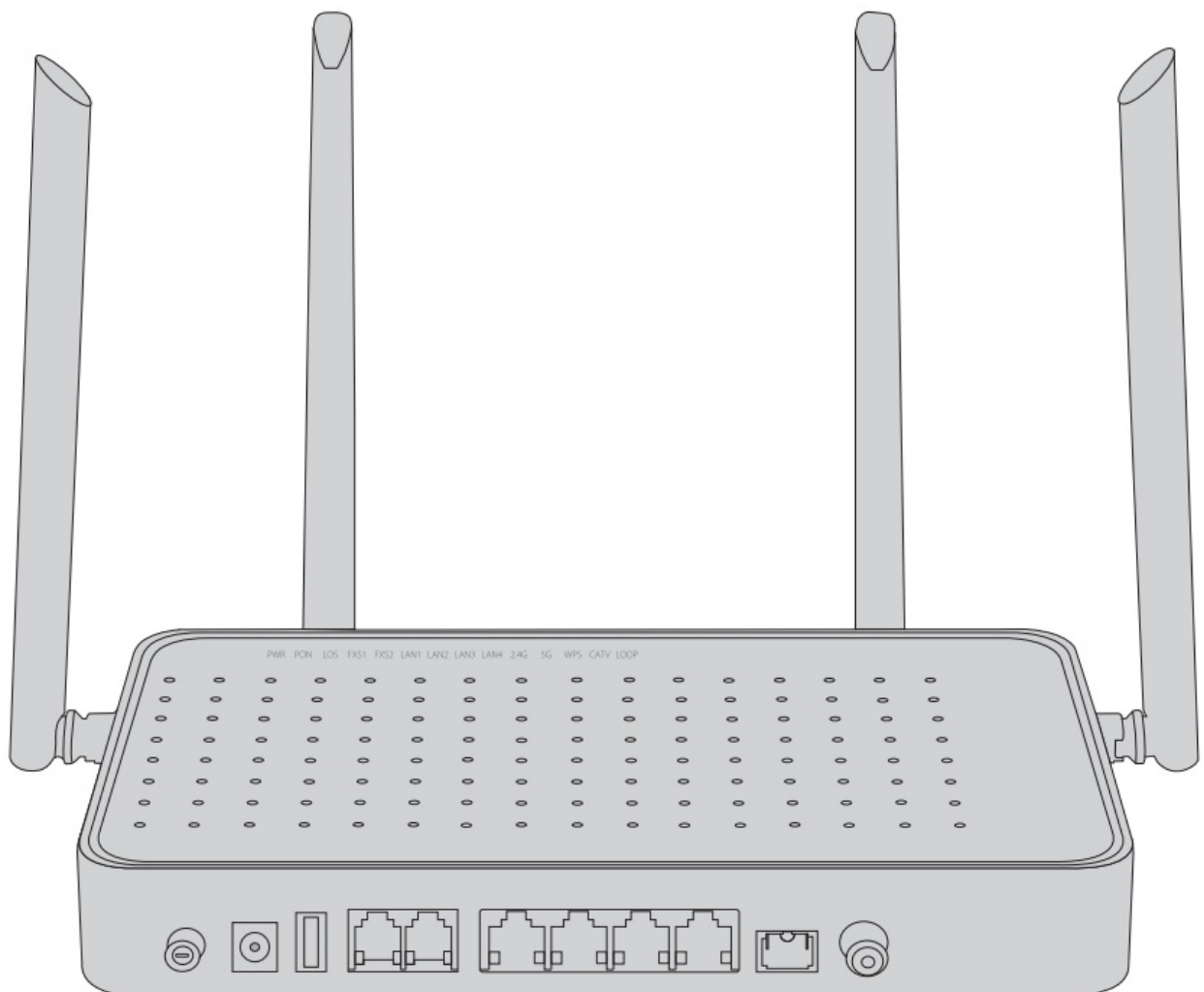
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## Introduction

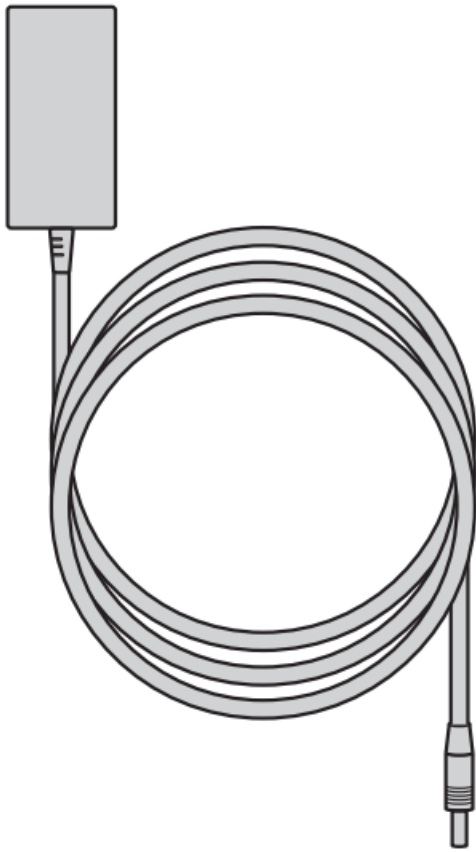
Thank you for choosing TA 1910-4GVC-W integrated broadband access device. This guide is designed to familiarize you with the layout of the device and describes how to deploy the device in your network.

- TA 1910-4GVC-W



## Accessories

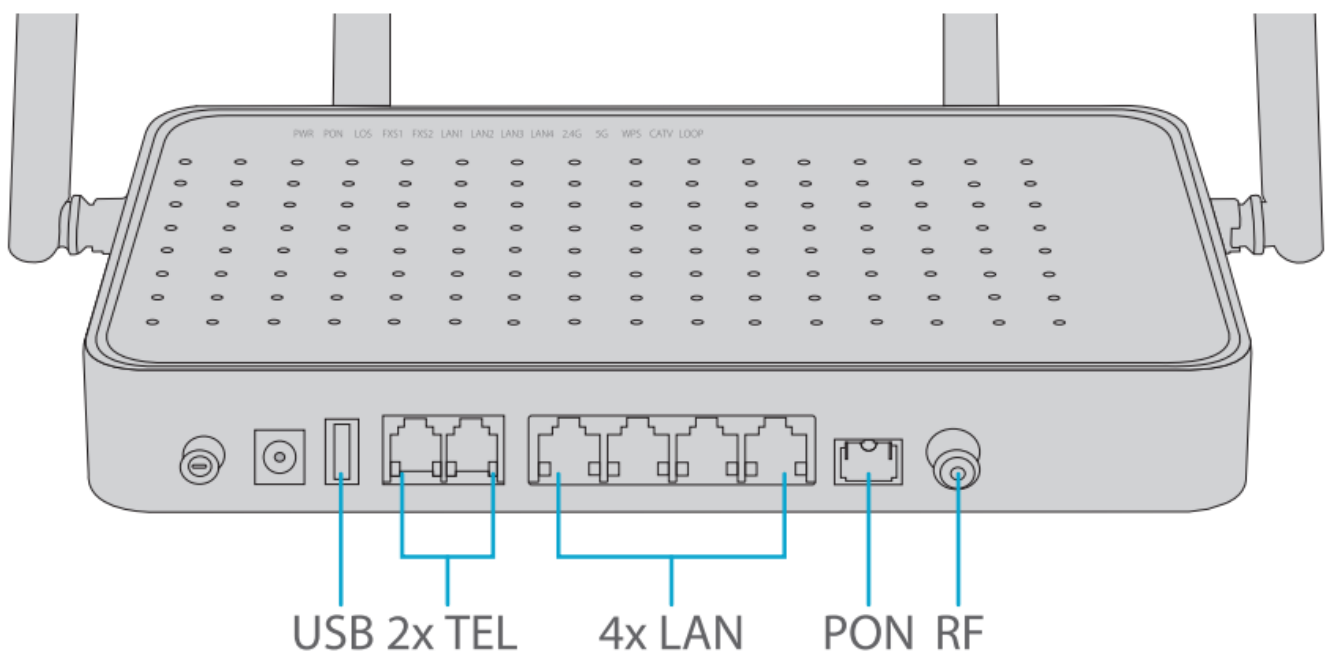
- Power Adapter x1



**NOTE:** This power cord is an exclusive product for AC adapters. Do not use this power cord with other devices. Also, do not use this power cord with other AC adapters.

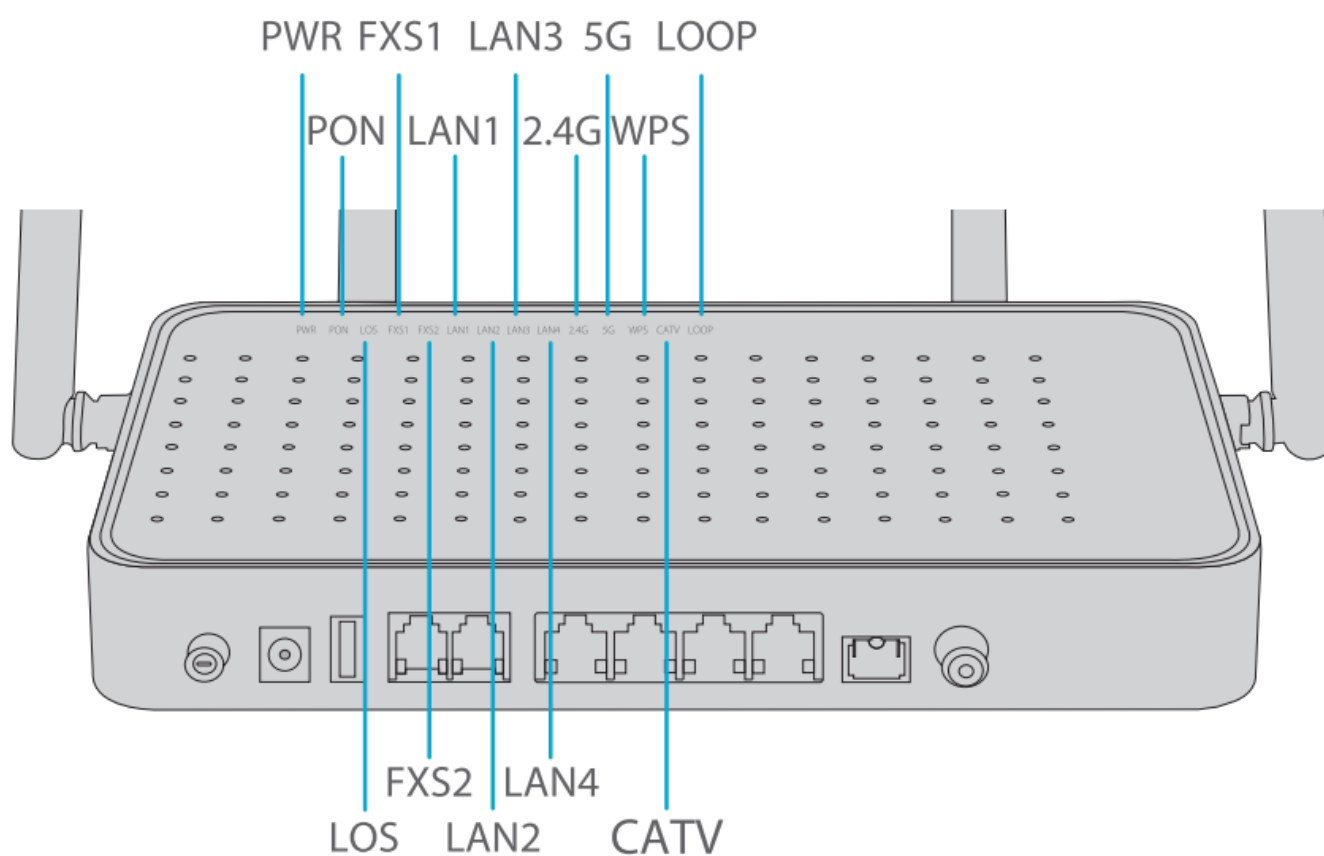
## Hardware Overview

### Front Panel Ports



Ports	Descriptions
USB	A USB management port for software, configuration backup and off line software upgrade
TEL	Connect the telephone
LAN	Connect the computer or network television
PON	Realize the access of GPON ONU
RF	Radio-frequency signal transmission

### Top Panel LEDs



LEDs	State	Description
Power	Green	<b>On:</b> The system is powered on normally. <b>Off:</b> The system is not powered on.
PON state	Green	<b>Off:</b> The ONU is not activated. <b>On:</b> The ONU has been activated. <b>Flicker:</b> The ONU is being activated.

Optical signal	Red	<b>Off:</b> The optical power is received normally. <b>Flicker:</b> The received optical power is lower than the threshold of the optical receiver.
2.4G WIFI state	Green	<b>Off:</b> The system is not powered on or the WIFI port is not connected to a network device. <b>On:</b> The WIFI port is connected, but there is no data transmission. <b>Flicker:</b> There is data transmission.
5G WIFI state	Green	<b>Off:</b> The system is not powered on or the WIFI port is not connected to a network device. <b>On:</b> The WIFI port is connected, but there is no data transmission. <b>Flicker:</b> There is data transmission.
Ethernet port state	Green	<b>Off:</b> The system is not powered on or the Ethernet port does not connect to the terminal. <b>On:</b> The Ethernet port has been connected, but there is no data transmission. <b>Flicker:</b> There is data transmission through the port.
Voice port state	Green	<b>Off:</b> The system is not powered on or the voice port is not registered. <b>On:</b> The voice port is registered successfully, but there is no data transmission. <b>Flicker:</b> There is data transmission on the voice port.
<b>WPS state</b>	Green	<b>Off:</b> The system is not powered on or the WPS is not enabled. <b>Flicker:</b> The WPS connection is ongoing. <b>On:</b> The WPS connection is successful.
Loop state	Red	<b>Off:</b> The system is not powered on or there is no loop on the port. <b>On:</b> The LAN port has a loop.
<b>Optical signal receiving</b>	Red	<b>On:</b> The input optical power is lower than -1 SdBm. <b>Flicker:</b> The input optical power is higher than 3dBm. <b>Off:</b> The device is not powered on.
<b>Optical signal receiving</b>	Green	<b>On:</b> The input optical power is between -1 SdBm and 3dBm.

## Installation Requirements

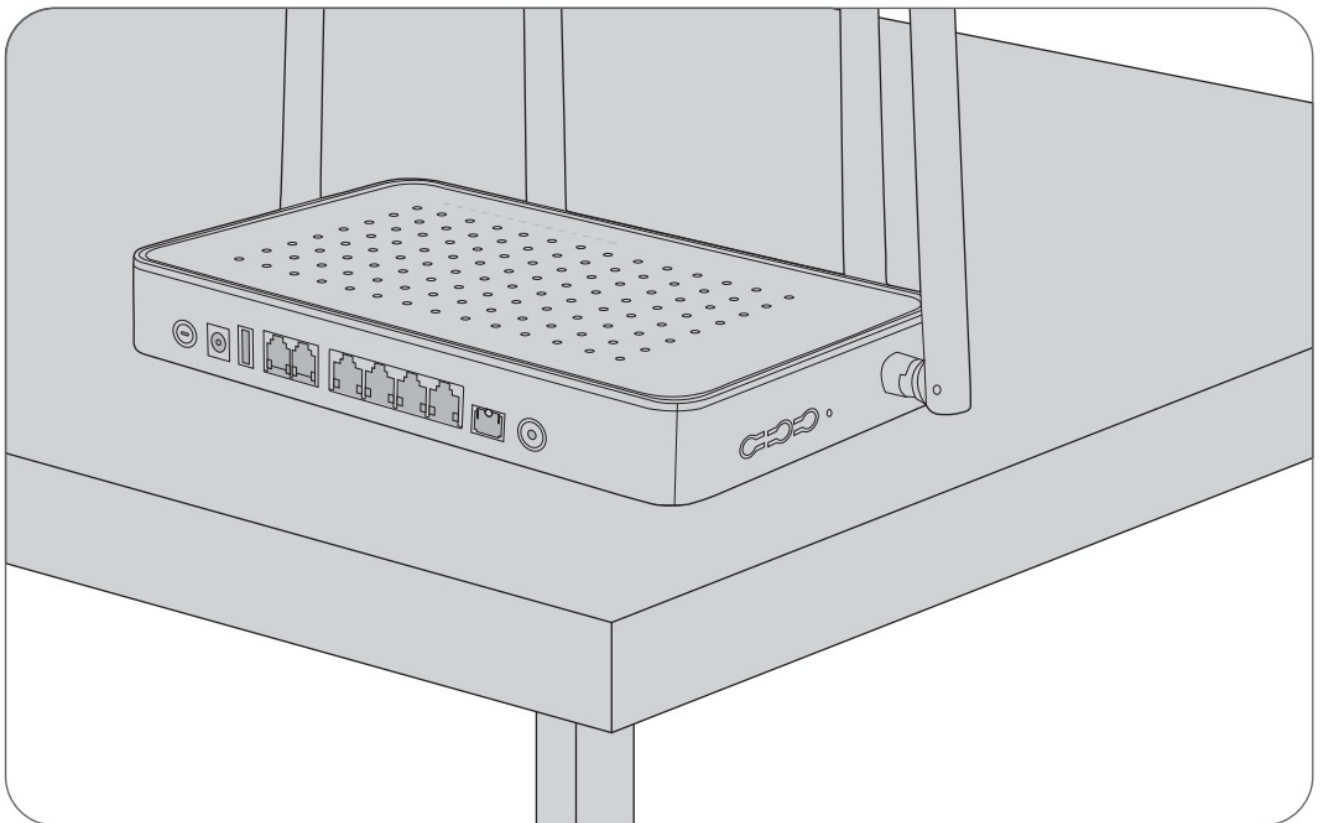
- Make sure the device is put on a horizontal and flat surface.

- To avoid a thunder strike, disconnect all power cords from the power supply and all cables on thunder and rainy days.
- Make sure that the installation site is well-ventilated, the heat of electrical devices is well-discharged and sufficient air circulation is provided for device cooling.
- Use the rated power adapter equipped with the device.

## **Installation**

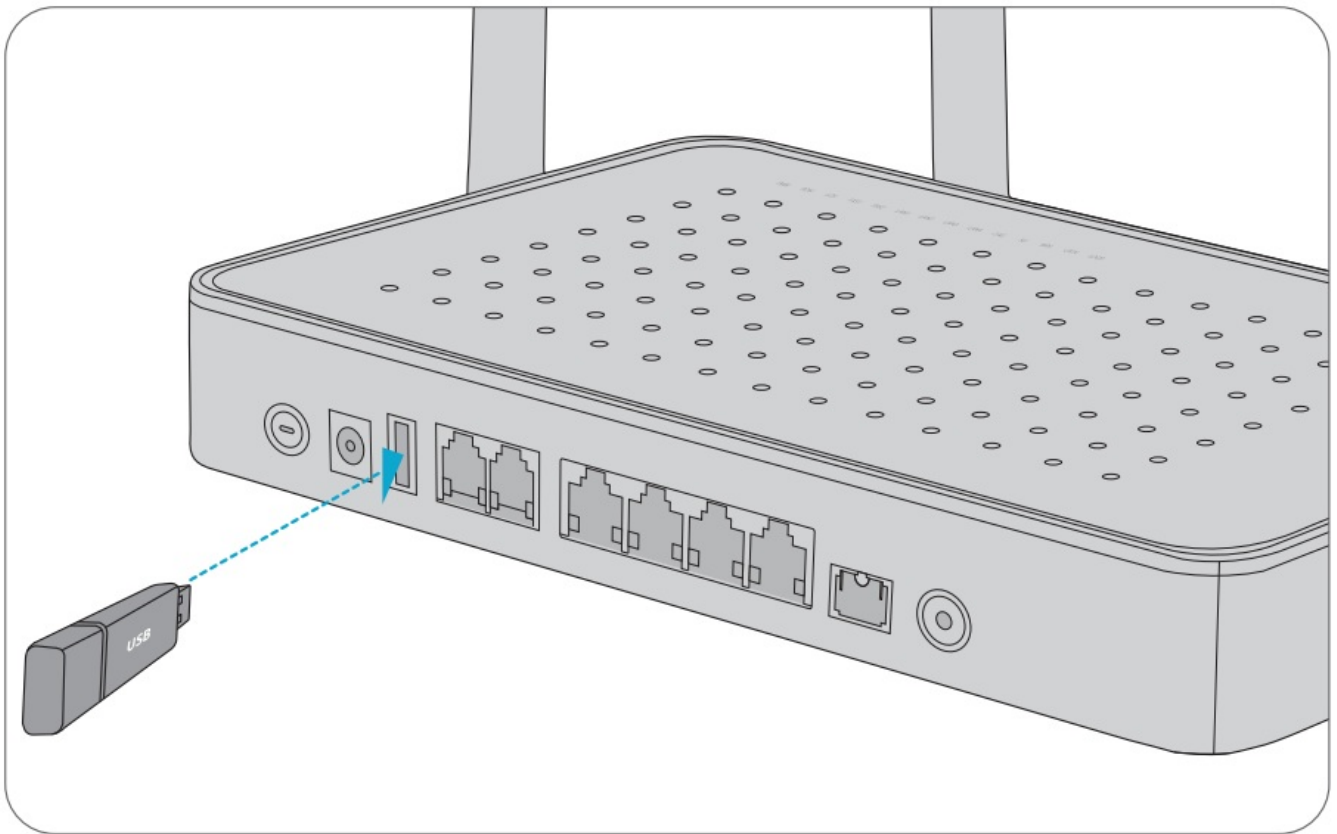
### **Desk Mounting**

Put the GPON on a smooth and safe desk directly.



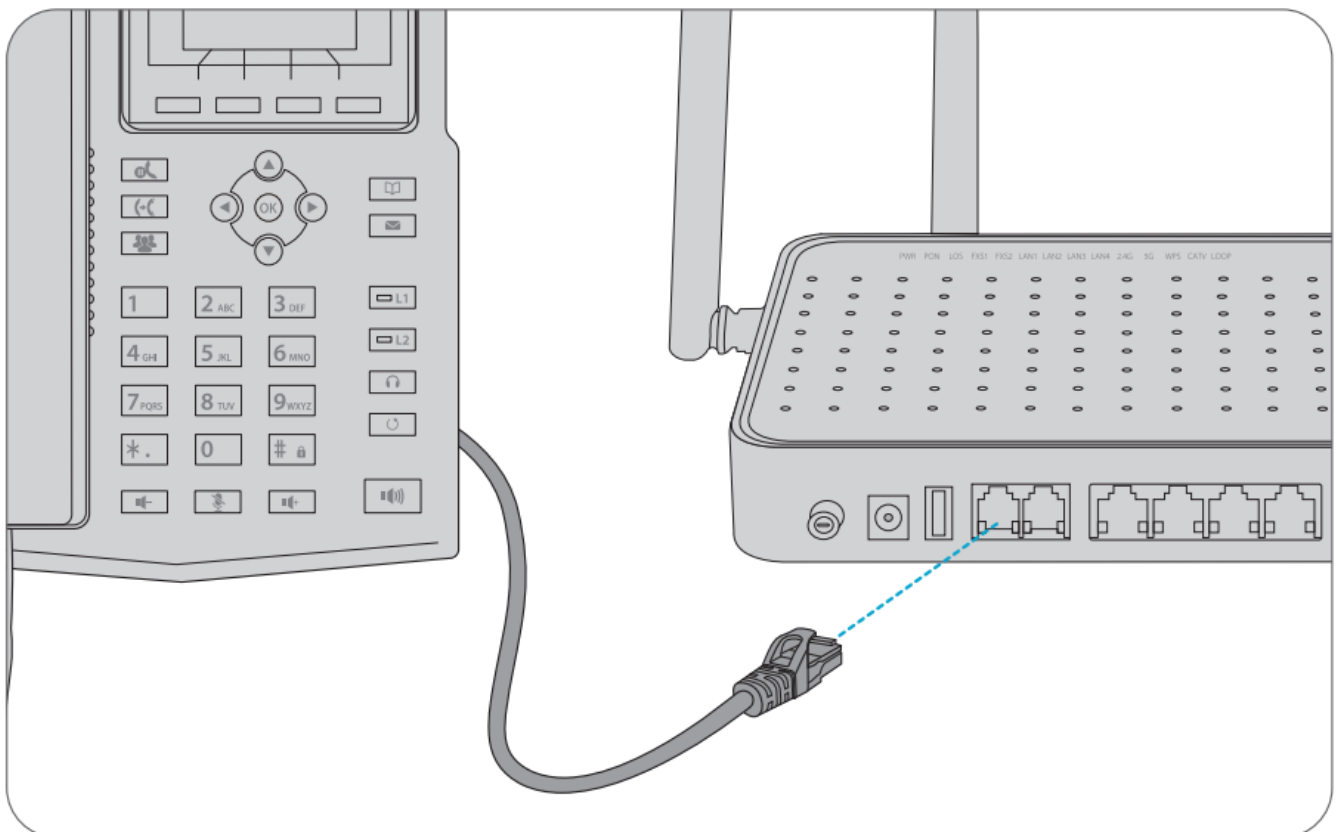
### **Connecting the USB port**

Insert the Universal Serial Bus(USB) flash disk into the USB port for software and configuration backup and offline software upgrade.



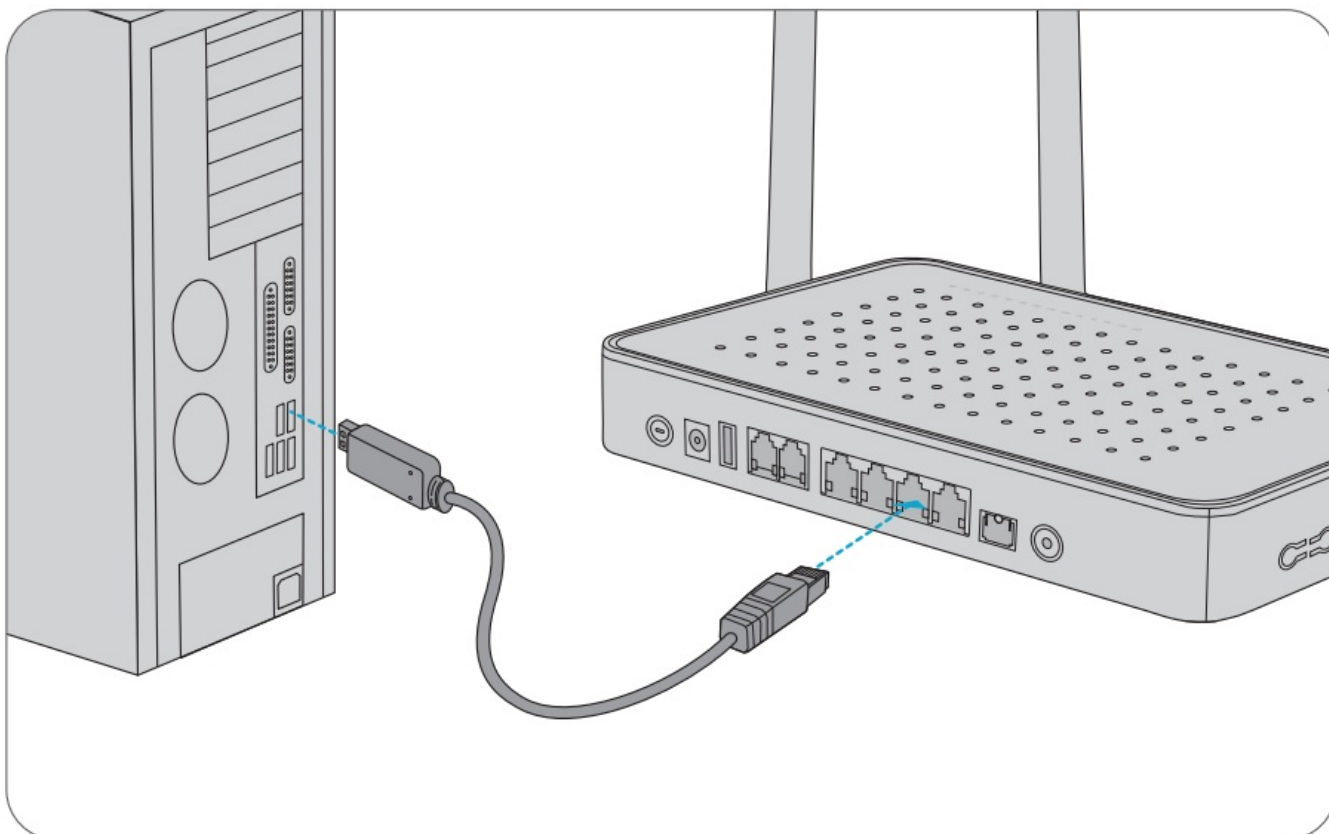
### **Connecting the TEL Ports**

Connect the TEL port to a telephone with a cable.



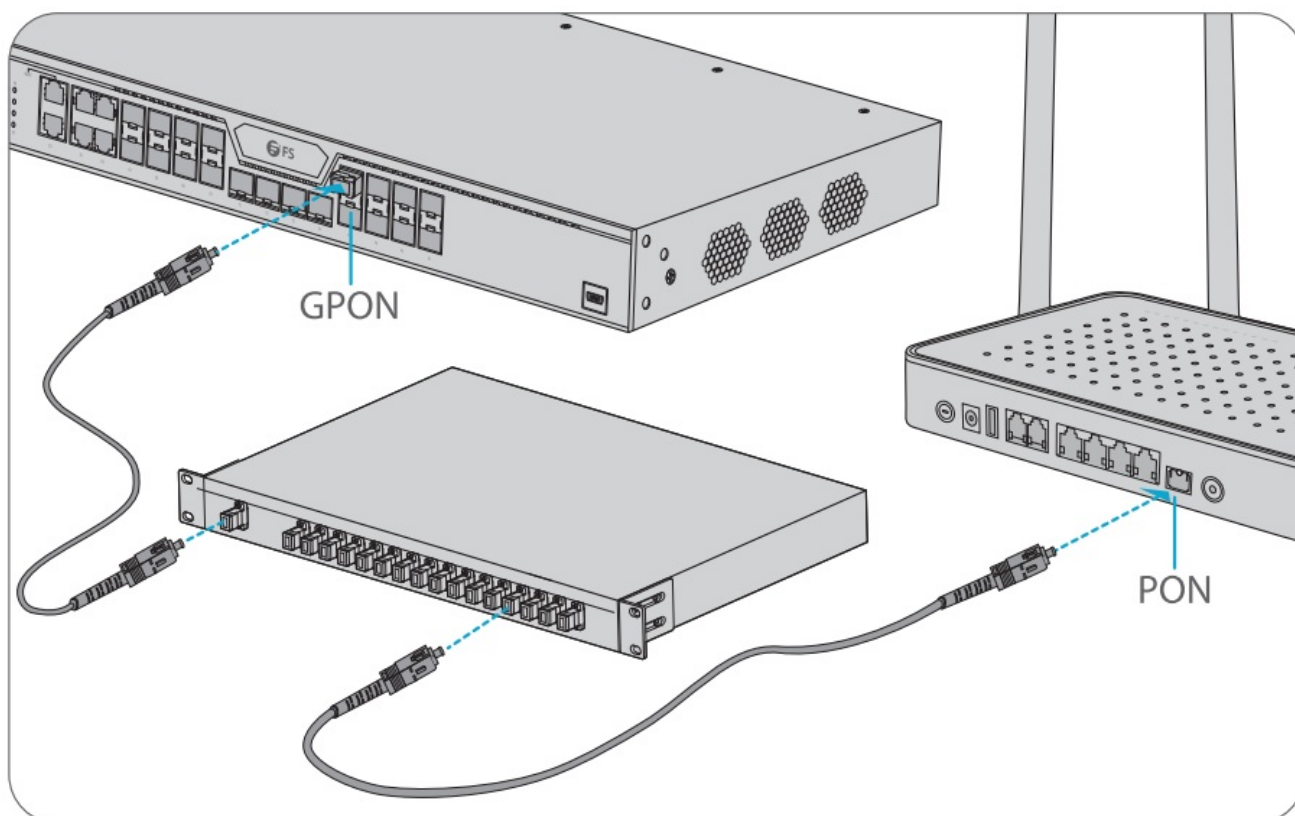
### **Connecting the LAN Ports**

Connect the LAN port to a computer or a network television with a network cable.



### **Connecting the PON Port**

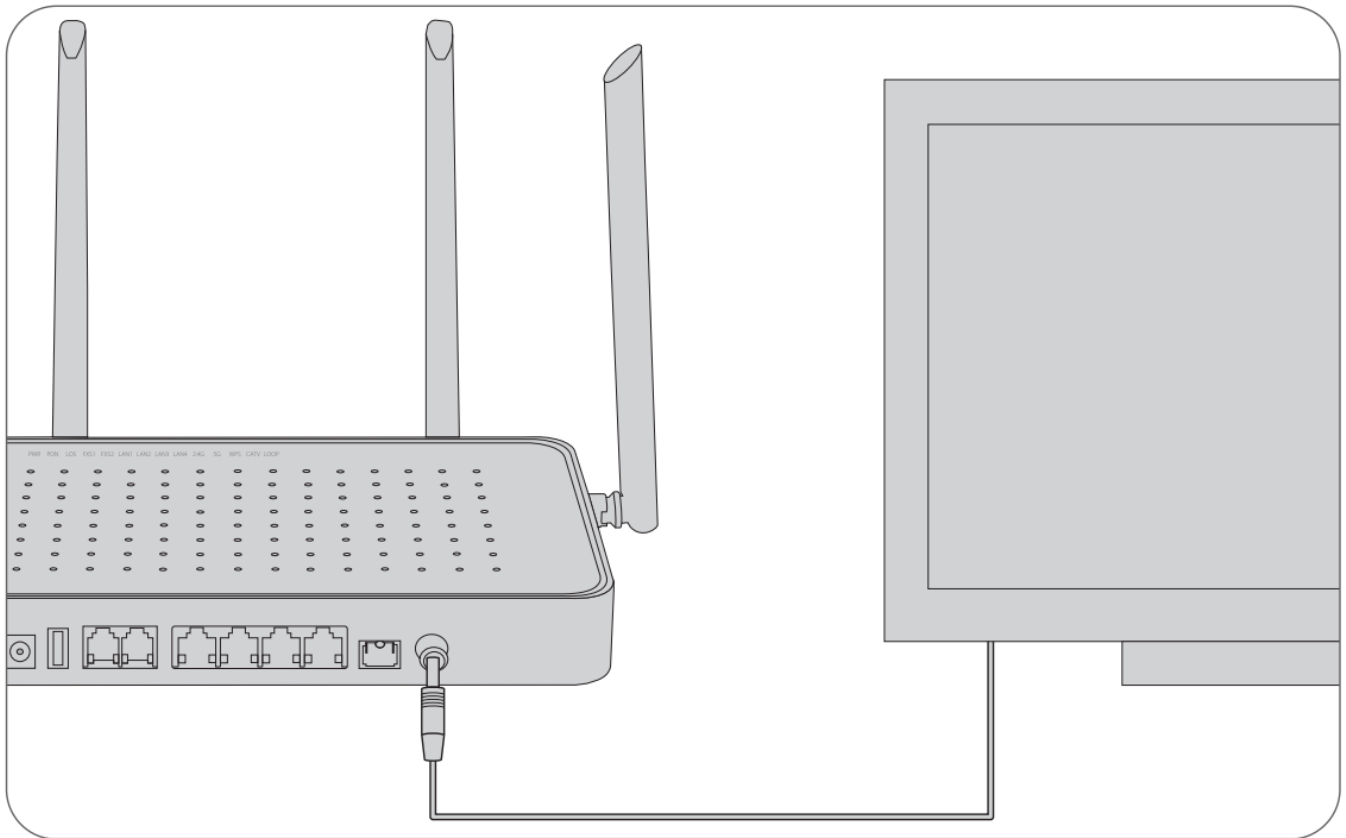
1. Connect the PON port to an optical splitter with a single-mode SC optical fiber cable.
2. Then connect the splitter to an OLT with a fiber cable.





## **Connecting the RF Port**

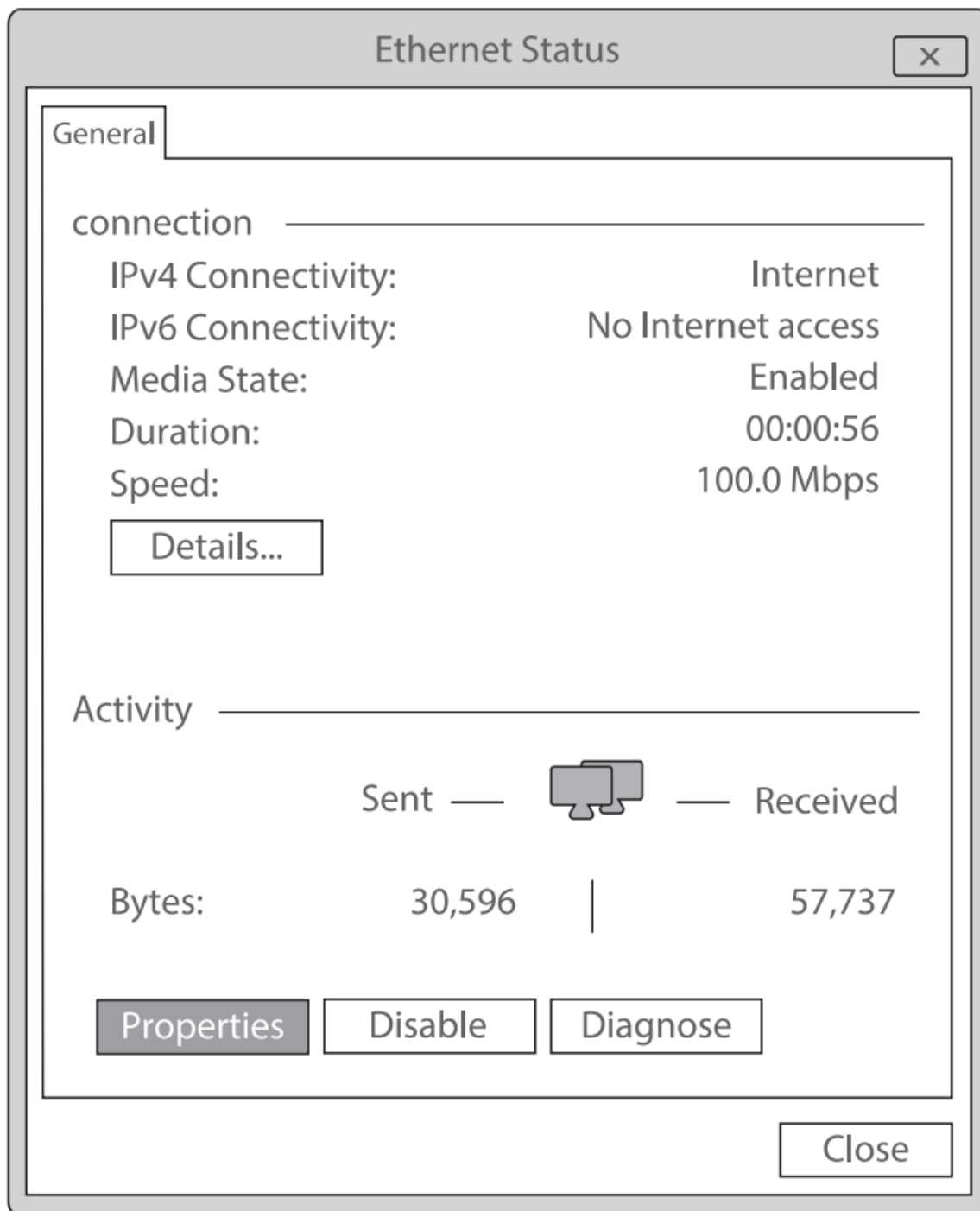
Connecting the RF port to a cable television with a network cable.



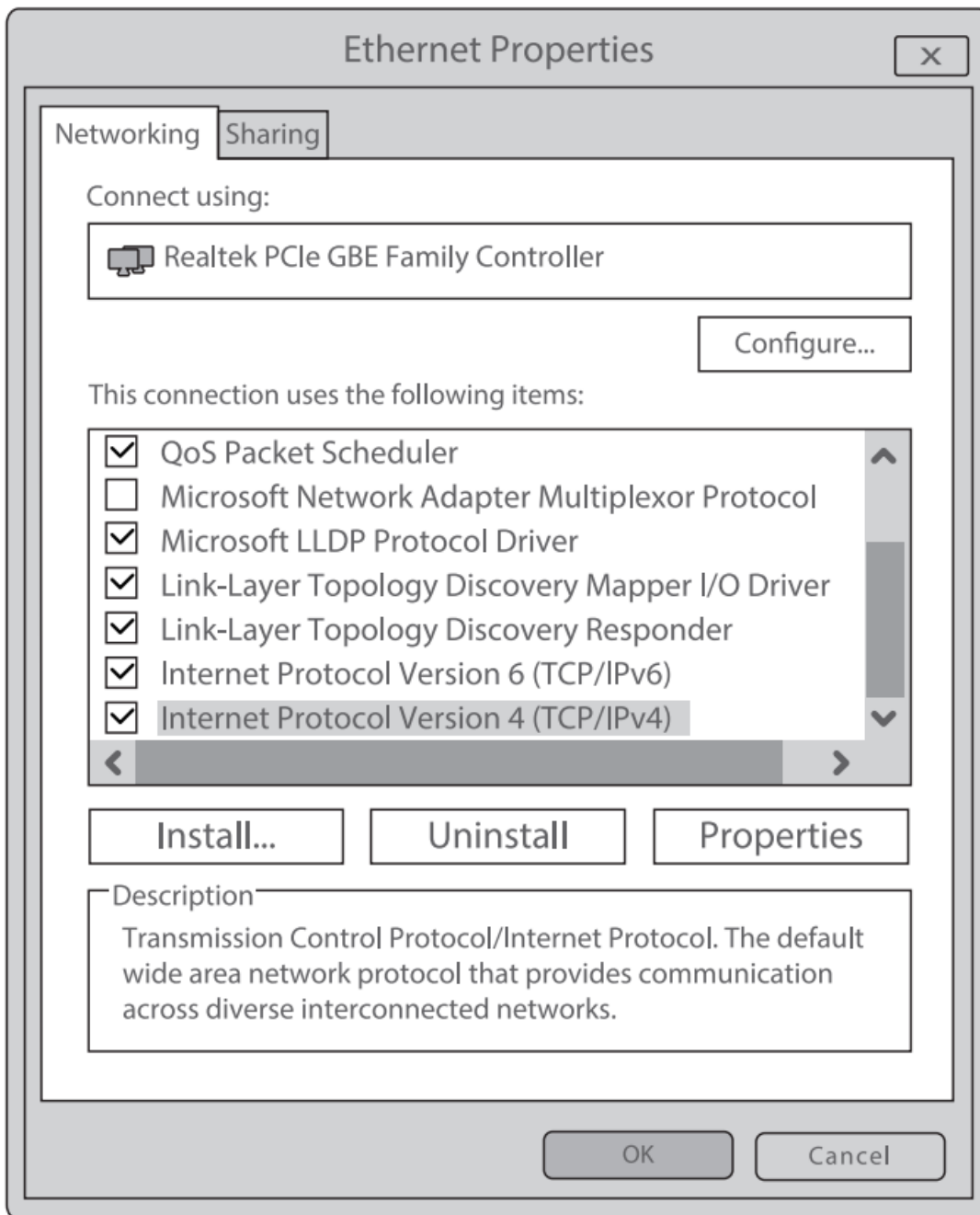
## **Configuring the GPON**

### **Computer Setting**

**Step 1:** Click “Start-Cont rol Panel-Network and Internet-Network and Sharing Center-Local Area Connection”, select “Local Area Connection”, and click “Properties”



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



**Step 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".

### **Wizard Setting**

**Step 1:** Open the web browser, for instance: IE or Google.

**Step 2:** Enter 192.168.123.1 in the address bar and click "Enter" to the web interface. Then enter the UserName (user by default) and Password (123456 by default) respectively in the interface User login.

## Input username and password

Username:

Password:



Login

**Step 3:** After Login, click “Status” on top of the navigation. Click “Device Basic Info” on the left navigation bar. Basic information about the device is shown on the following page.

Status

LAN

WLAN

Service

Admin

Status

Device

IPv6

Device Status

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

System

Device Name	TA1910-4GVC-W
Uptime	5 min
Firmware Version	10.0.33D.1034
CPU Usage	1%
Memory Usage	17%
Name Servers	8.8.8.8, 114.114.114.114
IPv4 Default Gateway	10.114.0.1
IPv6 Default Gateway	

LAN Configuration

IP Address	192.168.123.1
Subnet Mask	255.255.255.0
DHCP Server	Enabled
MAC Address	649D996FF58A

WAN Configuration

Interface	VLAN ID	Connection Type	Protocol	IP Address	Gateway	Status
nas0_0	100	INTERNET	IPoE	10.114.0.53	10.114.0.1	up

**Step 4:** Click “WLAN” in “Network” to select whether to enable wireless. And you can also modify the wireless name, authentication mode and password.

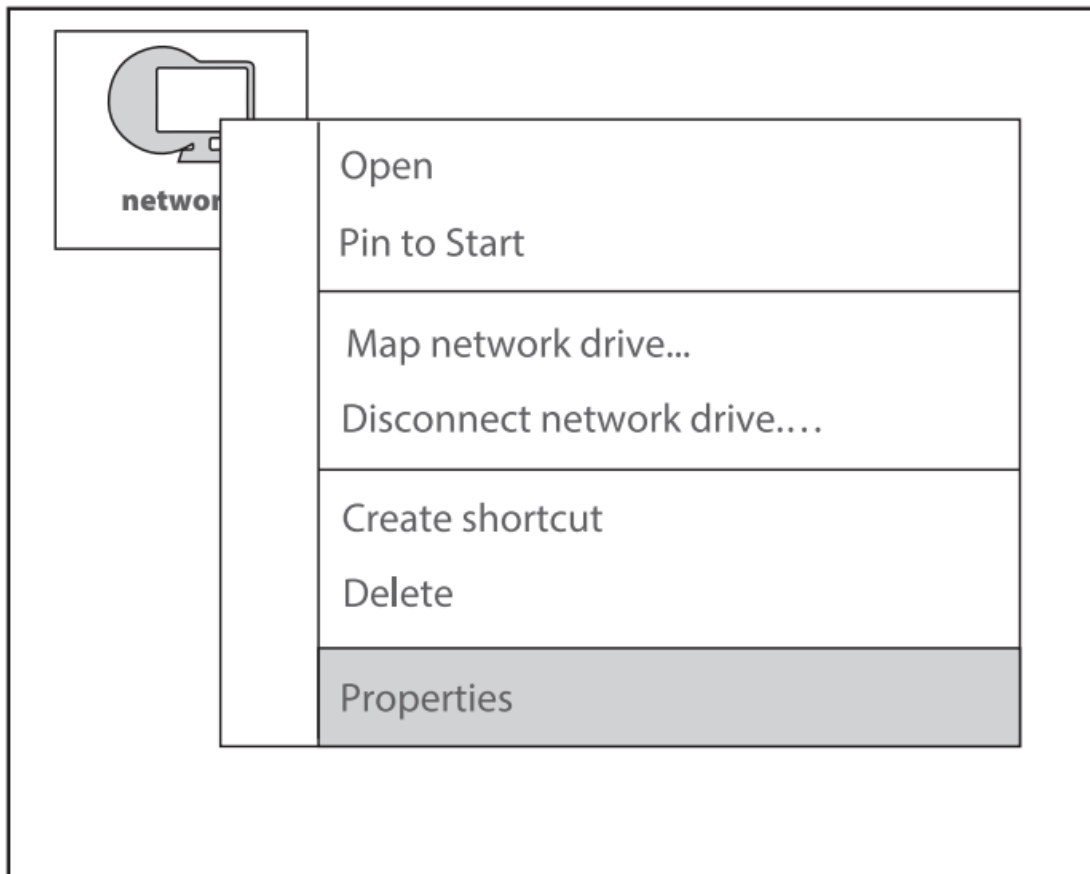
<a href="#">Status</a> <a href="#">LAN</a> <a href="#">WLAN</a> <a href="#">Service</a> <a href="#">Admin</a>																			
<div style="background-color: #f2f2f2; padding: 5px; margin-bottom: 5px;">wlan0 (2.4GHz)</div> <div style="background-color: #f2f2f2; padding: 5px; margin-bottom: 5px;"><b>Basic Settings</b></div> <div style="background-color: #f2f2f2; padding: 5px; margin-bottom: 5px;">Advanced Settings</div> <div style="background-color: #f2f2f2; padding: 5px; margin-bottom: 5px;">Security</div> <div style="background-color: #f2f2f2; padding: 5px; margin-bottom: 5px;">Access Control</div> <div style="background-color: #f2f2f2; padding: 5px; margin-bottom: 5px;">MESH</div> <div style="background-color: #f2f2f2; padding: 5px; margin-bottom: 5px;">Site Survey</div> <div style="background-color: #f2f2f2; padding: 5px; margin-bottom: 5px;">WPS</div> <div style="background-color: #f2f2f2; padding: 5px; margin-bottom: 5px;">Status</div> <div style="background-color: #f2f2f2; padding: 5px;">wlan1 (5GHz)</div>	<div> <b>WLAN Basic Settings</b>  <small>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.</small> </div> <hr/> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <input type="checkbox"/> Disable WLAN Interface         </div> <div style="width: 68%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">Band:</td> <td>2.4 GHZ(B+G+N) ▼</td> </tr> <tr> <td>Mode:</td> <td>AP ▼ <span style="margin-left: 10px;">Multiple AP</span></td> </tr> <tr> <td>SSID:</td> <td>2.4G-F58A</td> </tr> <tr> <td>Channel Width:</td> <td>20MHz ▼</td> </tr> <tr> <td>Control Sideband:</td> <td>Upper ▼</td> </tr> <tr> <td>Channel Number:</td> <td>Auto ▼</td> </tr> <tr> <td>Radio Power (%):</td> <td>100% ▼</td> </tr> <tr> <td>Limit Associated Client Number:</td> <td>Disabled ▼ <span style="margin-left: 10px;"> </span></td> </tr> <tr> <td>Associated Clients:</td> <td><span>Show Active WLAN Clients</span></td> </tr> </table> </div> </div> <div style="background-color: #f2f2f2; padding: 5px; margin-top: 5px;"> <input checked="" type="checkbox"/> Enable Universal Repeater Mode (Acting as AP and client simultaneously)     </div> <div style="text-align: right; margin-top: 10px;"> <span style="border: 1px solid #ccc; padding: 2px 10px; cursor: pointer;">Apply Changes</span> </div>	Band:	2.4 GHZ(B+G+N) ▼	Mode:	AP ▼ <span style="margin-left: 10px;">Multiple AP</span>	SSID:	2.4G-F58A	Channel Width:	20MHz ▼	Control Sideband:	Upper ▼	Channel Number:	Auto ▼	Radio Power (%):	100% ▼	Limit Associated Client Number:	Disabled ▼ <span style="margin-left: 10px;"> </span>	Associated Clients:	<span>Show Active WLAN Clients</span>
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Limit Associated Client Number:	Disabled ▼ <span style="margin-left: 10px;"> </span>																		
Associated Clients:	<span>Show Active WLAN Clients</span>																		

**Step 5:** Click” Apply Changes” to proceed to the next step.

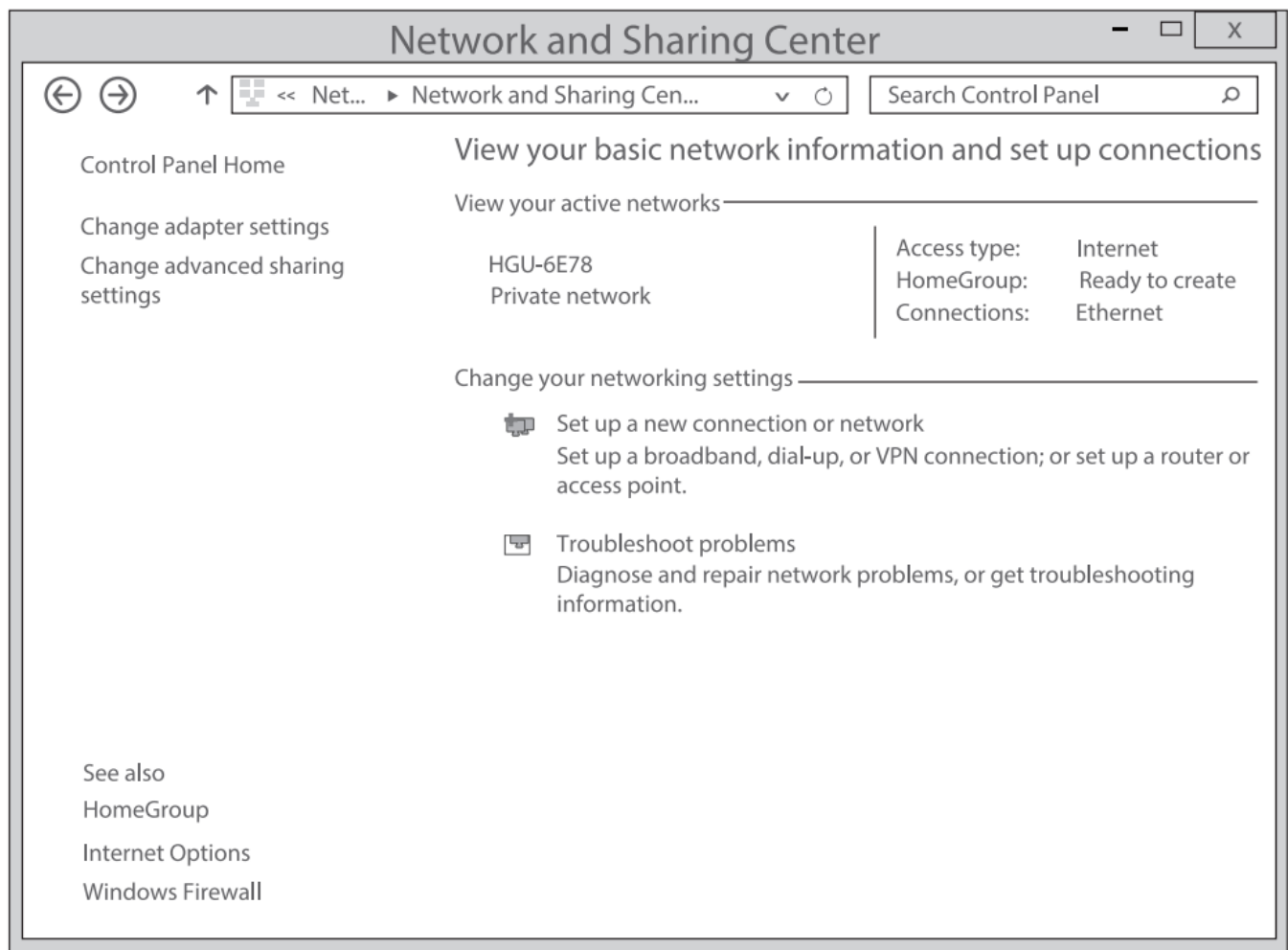
## **System Setting**

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:

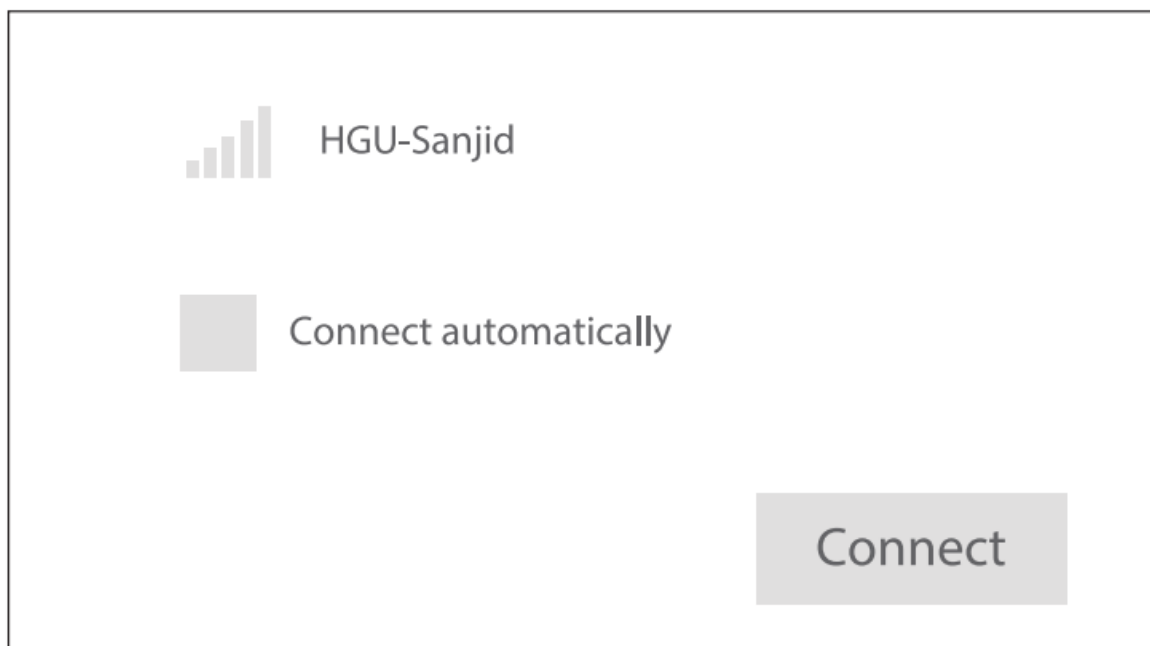
**Step 1:** Select “Network” and “Properties”



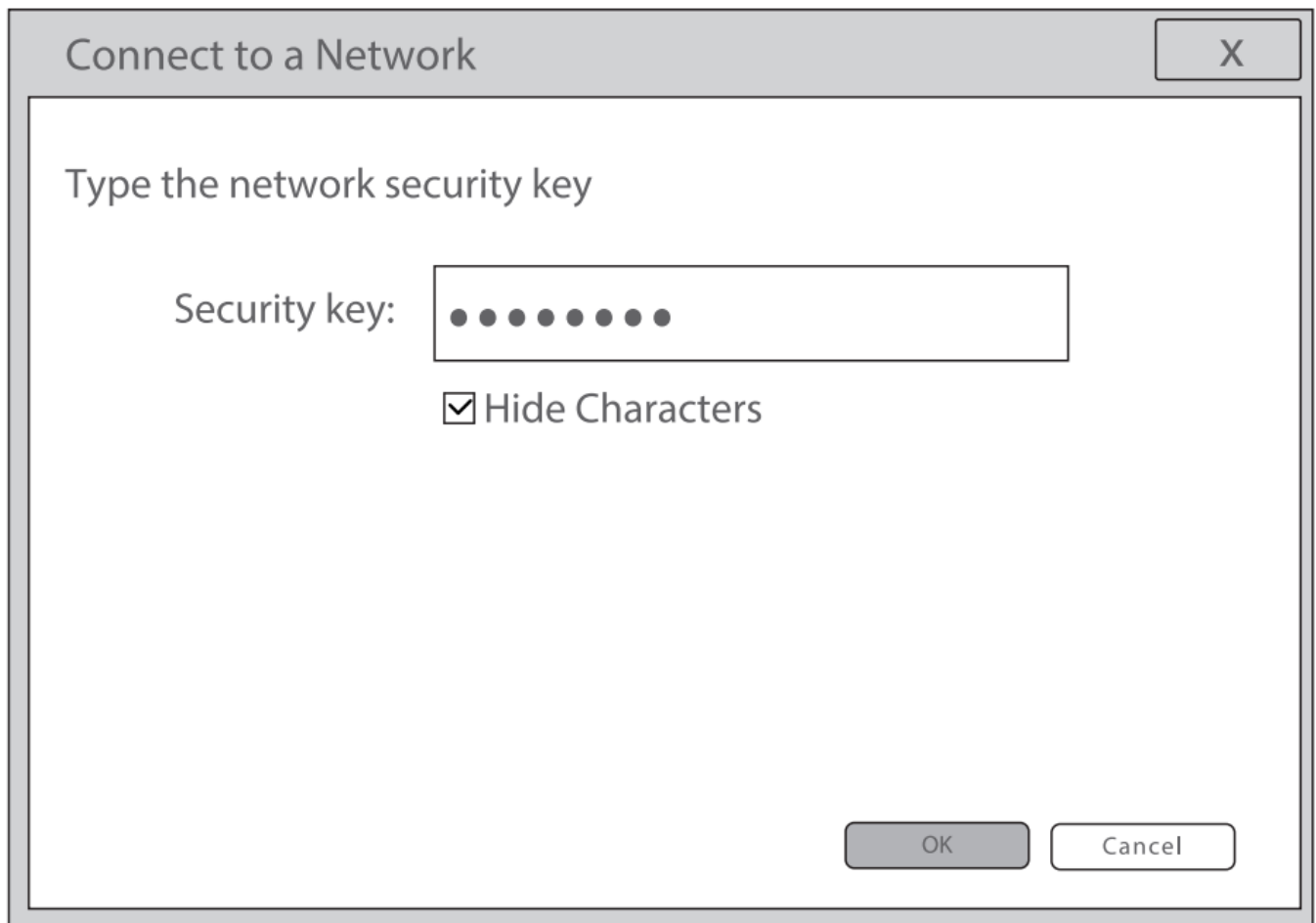
**Step 2:** Click “Wireless Network Connection”.



**Step 3:** Click the “Refresh” button, select the wireless network name of the terminal device, and double-click the name.



**Step 4:** Enter the password and click “OK”.



## Troubleshooting

### **Wifi Has a Signal on the PC but it Cannot Connect to the Internet.**

1. Check whether the WiFi name is the same as the 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.

### **Wifi Has No signal on the PC**

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 desktop of the 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 a wireless signal if keeping the PC closer to the wireless router.
6. Retry to connect another wireless adapter card if the above solutions are unsatisfactory. If not, reset the

wireless router.

## Online Resources

- Download [https://www.fs.com/products\\_support.html](https://www.fs.com/products_support.html)
- Help Center [https://www.fs.com/service/fs\\_support.html](https://www.fs.com/service/fs_support.html)
- Contact Us [https://www.fs.com/contact\\_us.html](https://www.fs.com/contact_us.html)

## Product Warranty



**Warranty:** The GPON ONU enjoys a 1-year limited warranty against defects in materials or workmanship. For more details about the warranty, please check at: <https://www.fs.com/policies/warranty.html>



**Return:** If you want to return the item(s), information on how to return can be found at: [https://www.fs.com/policies/day\\_return\\_policy.html](https://www.fs.com/policies/day_return_policy.html)



## Documents / Resources

	<a href="#">FS COM TA1910-4GVC-W Wireless Access Point</a> [pdf] Owner's Manual TA1910-4GVC-W, 2A2PW143750, TA1910-4GVC-W Wireless Access Point, Wireless Access Point, Access Point, Point
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## References

- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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