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FS COM OUN1910-4GVC-W Wireless Access Point User Guide

**COM OUN1910-4GVC-W
Wireless Access Point
User Guide**
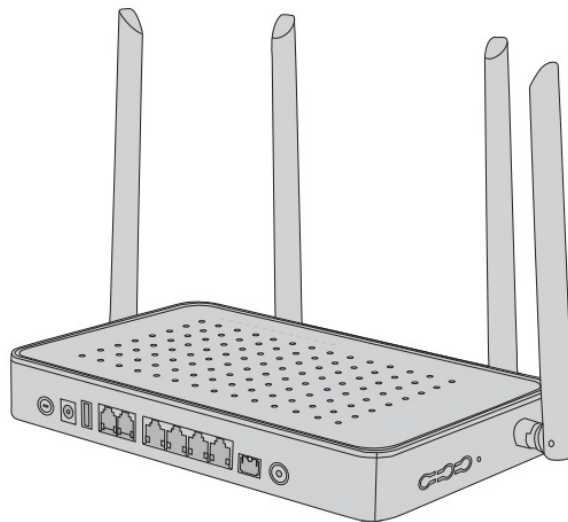
Contents

Introduction

Thank you for choosing TA1910-4GVC-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.
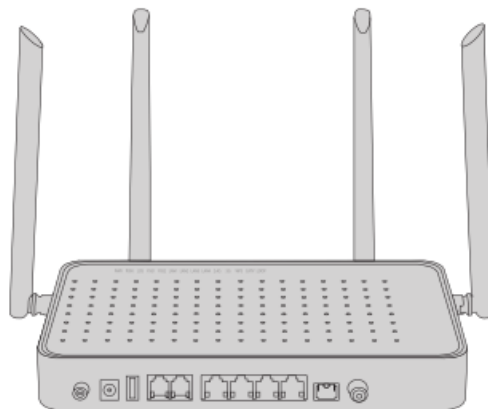
OUN1910-4GVC-W

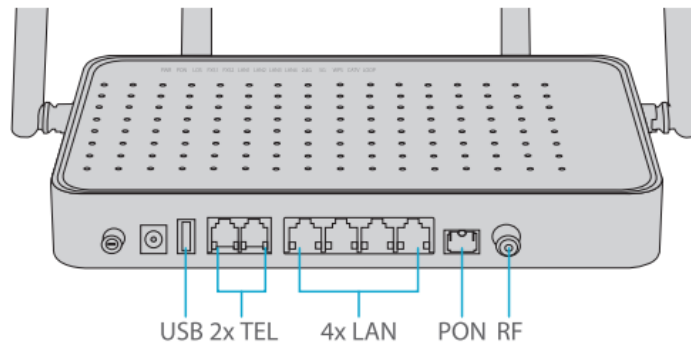## Accessories

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

USB 2x TEL 4x LAN PON RF

| Ports	Description
USB	A USB management port for software, configuration backup and offline 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

PWR FXS1 LAN3 5G LOOP
PON LAN1 2.4G WPS

FXS2 LAN4
LOS LAN2 CATV
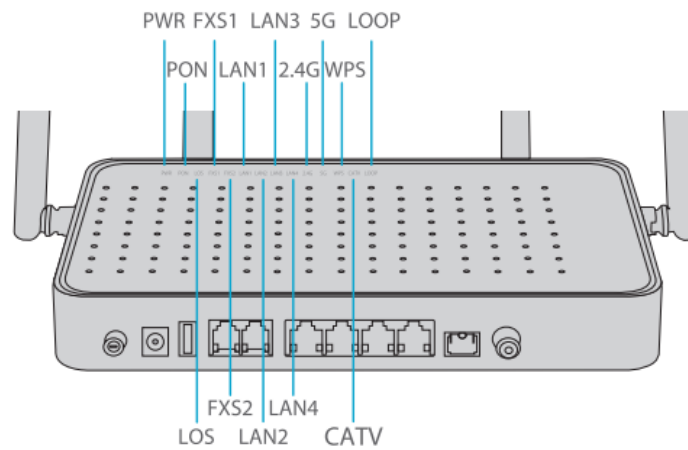
LEDs	State	Description
Power	Green	On: The system is powered on normally. Off: The system is not powered on. I
PON state	Green	Off: The ONU is not activated. On: The ONU has been activated. Flicker: The ONU is being activated. 1
Optical signal	Red	Off: The optical power is received normally. Flicker: The received optical power is lower than the threshold of the optical receiver.
2.4G WIFI state	Green	Off: The system is not powered on or the WIFI port is not connected to a network device. On: The WIFI port is connected, but there is no data transmission. Flicker: There is data transmission.
5G WIFI state	Green	Off: The system is not powered on or the WIFI port is not connected to a network device. On: The WIFI port is connected, but there is no data transmission. Flicker: There is data transmission.
Ethernet port state	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 through the port.
Voice port state	Green	Off: The system is not powered on or the voice port is not registered. On: The voice port is registered successfully, but there is no data transmission. Flicker: There is data transmission on the voice port.
WPS state	Green	Off: The system is not powered on or the WPS is not enabled. Flicker: The WPS connection is ongoing. On: The WPS connection is successful.
Loop state	Red	Off: The system is not powered on or there is no loop on the port. On: The LAN port has a loop.
Optical signal receiving	Red	On: The input optical power is lower than -15dBm. Flicker: The input optical power is higher than 3dBm. Off: The device is not powered on.
Optical signal receiving	Green	On: The input optical power is between -1 5dBm 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.
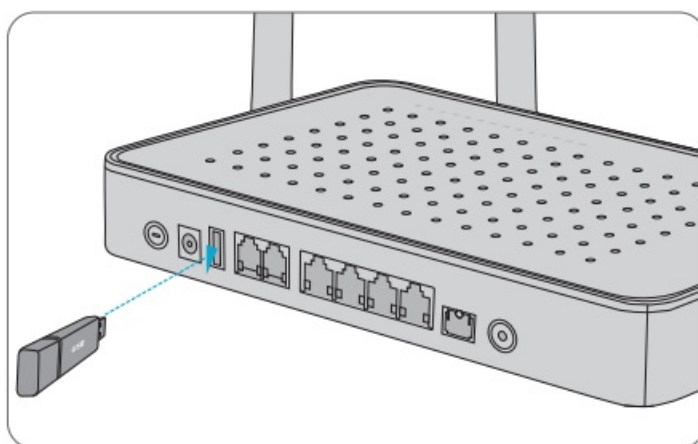- Use the rated power adapter equipped with the device.
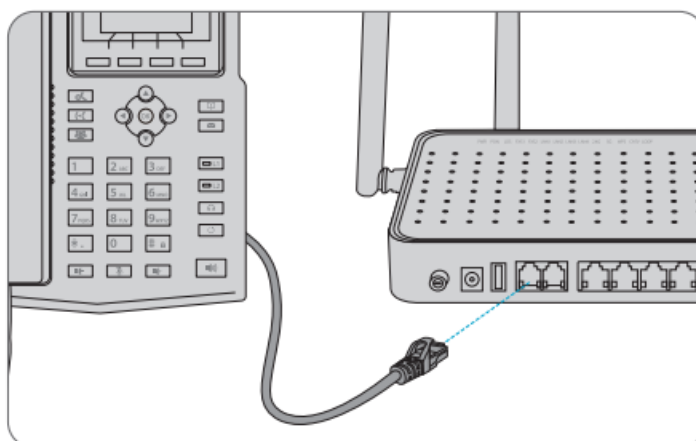
Installation

Desk Mounting
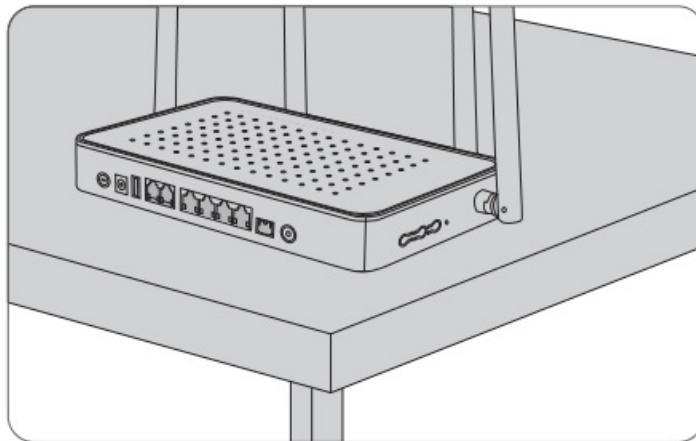
Put the GPON on a smooth and safe desk directly.
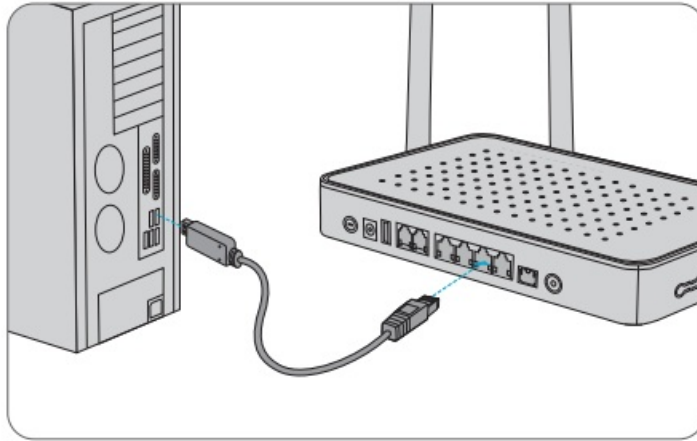
Connecting the USB port

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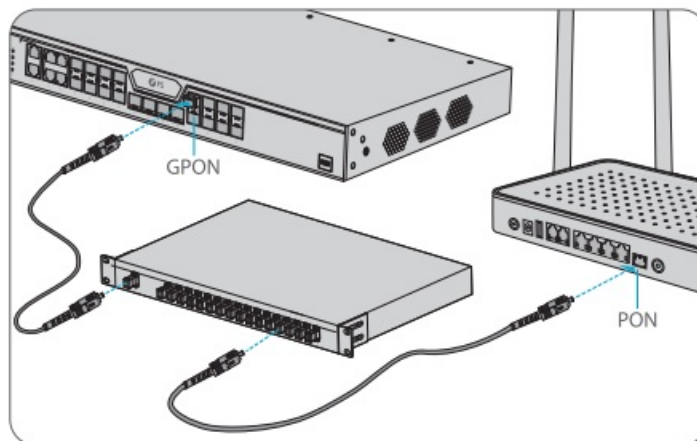
Connecting the TEL Ports

Connect the TEL port to a telephone with a cable.
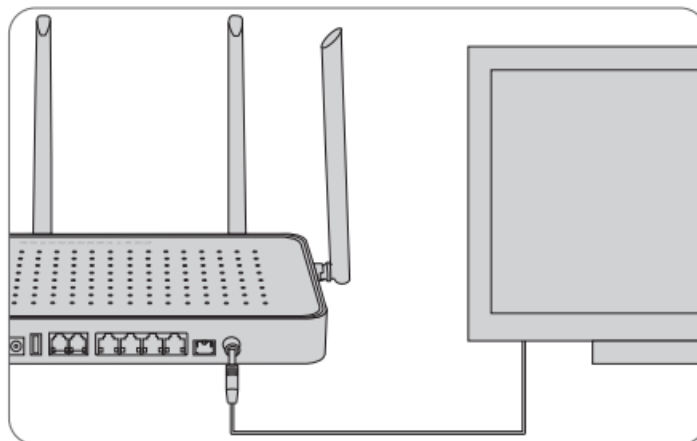
Connecting the LAN Ports

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.
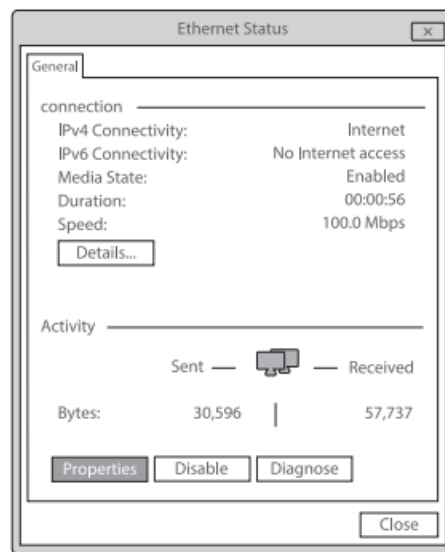
Connecting the RF Port

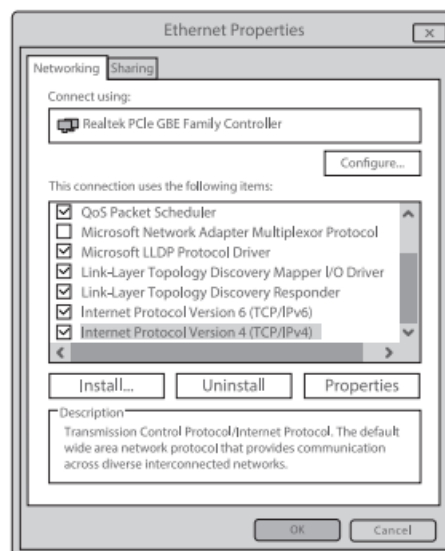Connecting the RF port to a cable television with a network cable.

Configuring the GPON

Computer Setting

Step 1: Click "Start-Control 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/APV4)" as shown in the following figure:

Step 3: On the page of Internet Protocol 4 (TCPAPV4) Properties, select " Obtain an IP address automatically" and "Obtain DNS server address automatically", and then click "OK".
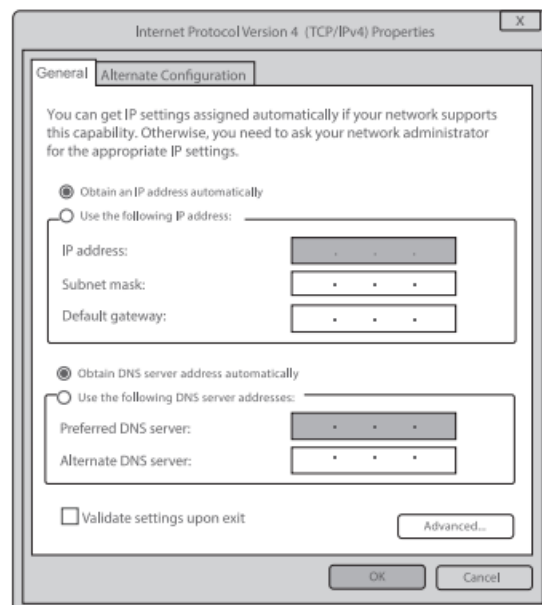
Wizard Setting

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 User Name (user by default) and Password (123456 by default) respectively in the interface User Login.

Input username and password

Username: User

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.
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"
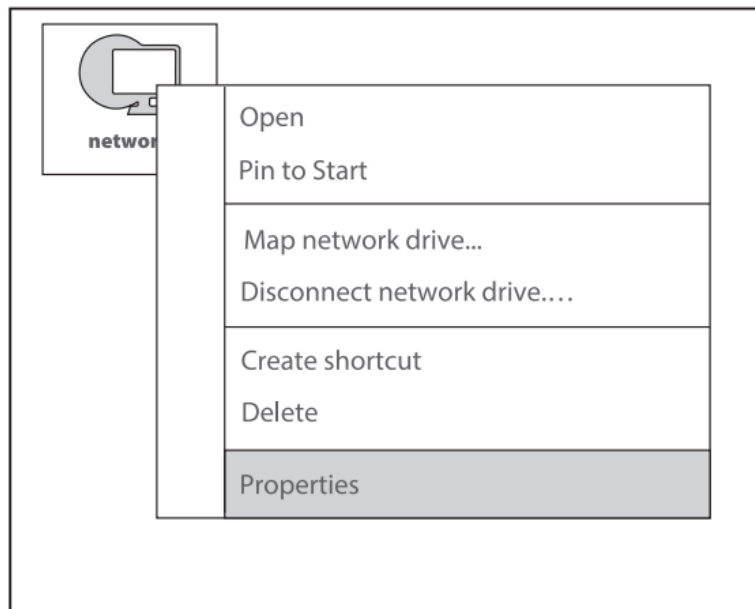
Step 2: Click "Wireless Network Connection'.
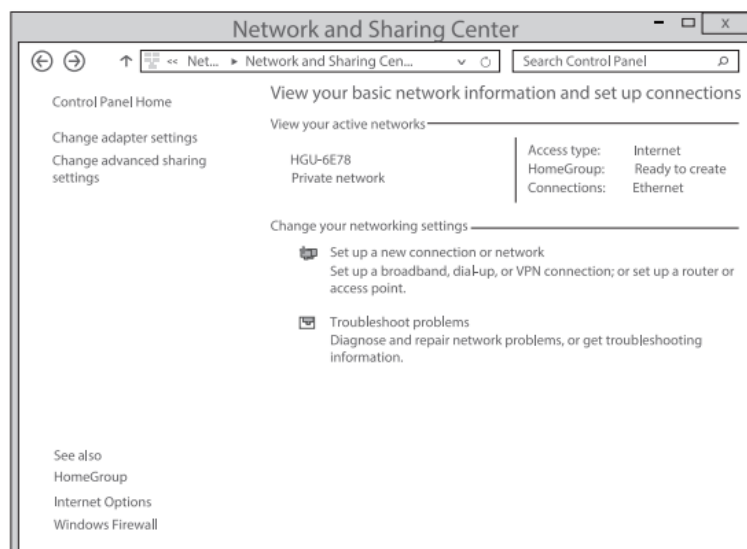
Step 3: Click the "Refresh" button, select the wireless network name of the terminal device, and double-click the name.
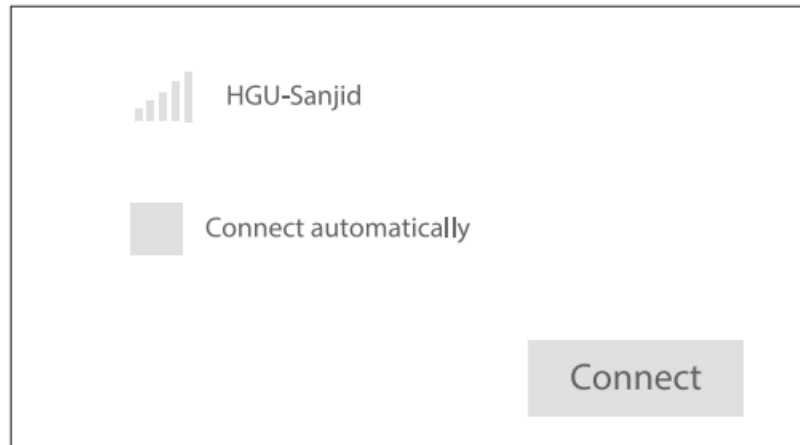
Step 4: Enter the password and click "OK".
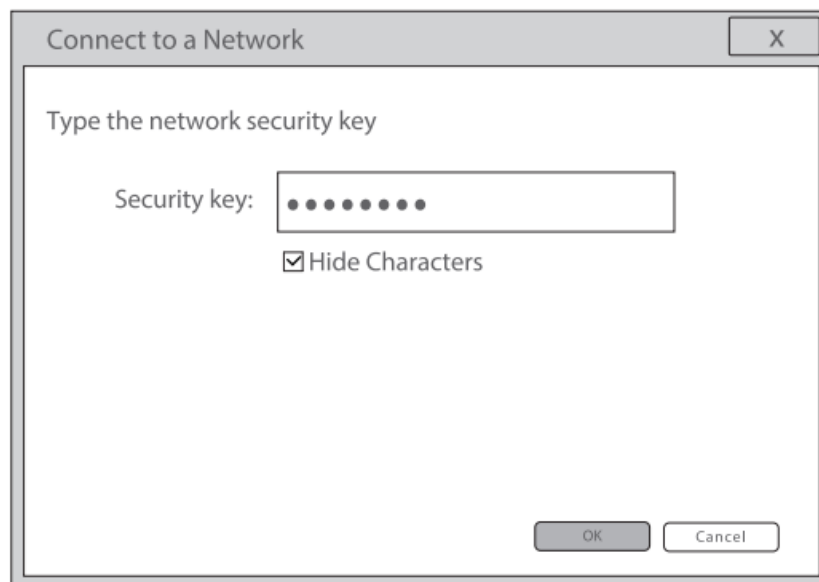
Troubleshooting

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 desk of the home a 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 Auto Config" 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**
- Help Center **https://www.fs.com/service/fs_support.html**
- Contact Us **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.htmll**

CE

FS.COM GmbH hereby declares that this device is in compliance with the Directive 2014/30/EU, 2014/35/EU, 2014/53/EU, 201 1/65/EU and (EU)2015/863. A copy of the EU Declaration of Conformity is available at **www.fs.com/company/quality_control.html**
FS.COM GmbH
NOVA Gewerbepark Building 7, Am Gfild 7, 85375 Neufahrn bei Munich, Germany

UKCA

Hereby, FS.COM Innovation Ltd declares that this device is in compliance with the Directive SI 2016
No. 1091, 512016 No. 1101, 512017 No. 1206 and SI 2012 NO. 3032.
FS.COM Innovation Ltd
4th Floor Imperial House, 8 Kean Street, London, England, WC 2B 4AS
IC
CAN ICES-003(A)/NMB-003(A)
This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.

2. This device must accept any interference, including interference that may cause undesired operation of the device. The digital apparatus complies with Canadian CAN ICES-003(A)/NMB-003(A).

FCC Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part

15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.

Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Radiation Exposure Statement

This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules. This equipment must be installed and operated in accordance with provided instructions and the antenna(s) used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter. End-users and installers must be provided with antenna installation instructions and consider removing the no-collocation statement.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. this device may not cause harmful interference, and

2. this device must accept any interference received, including interference that may cause undesired operation.

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Canada Statement

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.

2. This device must accept any interference, including interference that may cause undesired operation of the device.

The device meets the exemption from the routine evaluation limits in section 2.5 of RSS 102 and compliance with RSS-102 RF exposure, users can obtain Canadian information on RF exposure and compliance.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

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Documents / Resources

[FS COM OUN1910-4GVC-W Wireless Access Point](#) [pdf] User Guide
OUN1910-4GVC-W, OUN1910-4GVC-W Wireless Access Point, Wireless Access Point, Access Point, Point

References

- **[User Manual](#)**