Quick Installation Guide

GPON ONT

GN543V

Safety Instructions

- 1. This equipment is a Class III electrical appliance which is designed to be supplied from a separated/safety extra-low voltage (SELV) power source. The voltage from a SELV supply is low enough that under normal conditions a person can safely come into contact with it without risk of electrical shock.
- 2. WARNING: To reduce the risk of fire or electric shock, do not expose this device to rain or moisture. The device shall not be exposed to dripping or splashing and that objects filled with liquids, such as vases, shall not be placed on apparatus.
- AVERTISSEMENT : Pour réduire le risque d'incendie ou de choc électrique, ne pas exposer cet appareil à la pluie ou à l'humidité. L'appareil ne doit pas être exposé à des gouttes d'eau ou des éclaboussures, et des objets remplis de liquides, tels que des vases, ne doivent pas être placés sur l'appareil.
- 3. WARNING: the power plug/direct plug-in adapter is used as disconnect device, the disconnect device shall remain readily operable. ${\sf AVERTISSEMENT: La\ fiche\ d'alimentation/l'adaptateur\ enfichable\ directement}$
- 4. Correct Disposal of this product. This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer or service operator where the

utilisé comme dispositif de déconnexion doit rester facilement utilisable

5. For the terminals marked with symbol of "\$\frac{1}{2}"\$ may be of sufficient magnitude to constitute a risk of electric shock. The external wiring connected to the terminals requires installation by an instructed person or the used of ready-made leads or

product was purchased. They can take this product for environmental safe recycling.

CAUTION!

RESISTOR ELECTRICS SHOCK

ON NOT OPEN.

This lightning flash with arrowhead symbol within an equilateral triangle is intended to alert the user This lightning flash with arrowhead symbol within to the presence of non-insulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.

Warning: to reduce the risk of electric shock, do not remove cover (or back) as there are no user-serviceable parts inside. Refer servicing to qualified personnel. Avertissement: Pour réduire le risque de choc électrique, ne pas retirer le capot (ou l'arrière) car il n'y a pas de pièces réparables par l'utilisateur à l'intérieur. Confier

l'entretien à un personnel qualifié.

7. Use only the AC adapter which is included in the product package. Any other adapter may cause damage to the device. Such damage is not covered under warranty.

Please pay attention to the following important safety instructions for ONT installation



Please stop using the device during a lightning storm. To avoid damage by lightning strike, please cut off power and disconnect all the cables.

During storage, transport and use of this device, please keep it dry strictly. If any liquid accidently fall inside the device, please cut off power supply immediately, and contact your local operator

Please use the original power adapter and other accessories. To avoid electric shock, please keep the power plug dry and clean, and never use damaged power cord.

To avoid swallowing and other dangerous behavior, do not allow unsupervised children to use or play with this device and accessories.



If any abnormal phenomena found, such as smoke, abnormal sound or peculiar smell, please stop using it immediately and cut off power immediately.

Please keep at least 10cm space around this device for ventilation when

place it, and away from heat/fire source, such as heater or candle

cover ventilation holes with any objects



Do not place any objects on the device or power cord/plug, and never



Stop using the device and cut off power supply before cleaning. Please



To reduce the risk of electric shock, do not open the outer case of the device. Please refer servicing to qualified personnel only.

The outer case will have a certain degree of heat after long-running, don't worry, this device can still work normally.

use a soft, dry cloth to clean outer case while it's necessary.

Product Specifications

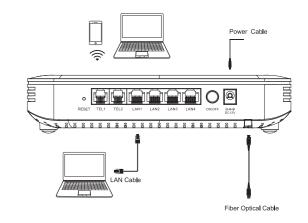
Item	Specification
Product Name	GPON ONT
GPON Standard	ITU-T G.984, TR156/TR255
Maximum PON speed	2.5Gbps/1.25Gbps
Wi-Fi Standard	IEEE802.11b/g/n/ac
Maximum Wi-Fi speed	2.4GHz: WiFi5 300Mbps(11n@40MHz) 5GHz: WiFi5 1732Mbps(11ac@80MHz)
Optical Interface	1*SC/APC, 1310/1490WDM
LAN Interface	4*Gigabit Ethernet Ports, RJ45
Phone Interface	2*FXS Phone Ports, RJ11
Wi-Fi Antenna	2.4G: 2*3dBi; 5G: 2*3dBi, Omni-directional
	Environment
Rated Power Input	12VDC/1.5A
Operating Temperature	0 ~ 45°C (32~113 °F)
Storage Temperature	-20 ~ 65°C (-4~149 °F)
Operating Humidity	0 ~ 95% non-condensing

Packaging Items

N543V		GPON ONT, with 4 Wi-Fi antennas
ower dapter		Output 12VDC/1.5A Switching Power Adapter
thernet able	0	Standard CAT5e Ethernet cable for connecting your devices to the ONT
uick stallation uide		This QIG provides basic product specification and information for installing the device and get it up and running on your home network

Install the ONT

Notes: Additional items such as optical fiber patch cord that are not included with the ONT may be needed to complete your ONT installation.



Installation Steps:

- 1. Connect the optical fiber patch cord to the Optical socket at the bottom of your ONT. The connector of the fiber cord shall be SC/APC usually in green color
- 2. Connect the Ethernet cable to the LAN port on your computer and then to any of the $\,$ LAN ports at the rear of your ONT.
- 3. Connect your telephone or fax machine to TEL port at the rear of ONT. The TEL port
- 4. Connect power adapter to the DC Power jack on the rear of your ONT and then plug the power adapter into an electrical wall outlet. Press the ON/OFF button on your ONT, this will then power on the ONT. Check the LEDs on your ONT. Please Refer to "Front Panel LEDs" section for more information.

Front Panel LEDs



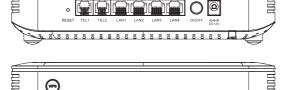
LED	Color	Status	Description
Power	Green	On	Power On
Power Green	Off	Power Off	
PON	Green	Refer to table b	elow: "PON LED Status Instruction"
LOS	Red	Refer to table b	elow: "PON LED Status Instruction"
		On	Got WAN IP Address Successfully
WAN	Green	Flash	Data Under Transmitting
		Off	Device in bridged mode or no IP
		On	LAN device Connected
LAN1~4	Green	Flash	Data Under Transmitting
		Off	No Connection
		On	2.4G Wi-Fi Enabled
2.4G	Green	Flash	Data Under Transmitting
		Off	Disable
	Green	On	5G Wi-Fi Enabled
5G		Flash	Data Under Transmitting
		Off	Disable
	Green	On	Pairing ok
WPS		Flash	In pairing
		Off	Not activated/not triggered
	Green	On	Phone registration succeeded
TEL 1~2		Flash	Phone is registering or on call
		Off	Voice port disabled

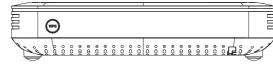
Shenzhen Skyworth Digital Technology Co., LTD.

14/F, Unit A, Skyworth Building, Gaoxin Ave.1.S., Nanshan District, Shenzhen, China http://en.skyworthdigital.com

PON LED Status Instruction			
PON	LOS	Description	
Off	Off	The ONT is disabled by the OLT	
Flash	Off	The ONT is registering to the OLT	
On	Off	The ONT has already registered to OLT	
Off	Flash	The fiber is not connected properly	

Rear and Front Panel





140.	Ivanic	Description
1.	RESET	Reset button. Press and hold for 5 seconds to Reset configuration to the factory default settings.
2.	TEL 1/2	Two RJ11 Telephone Port
3.	LAN 1/2/3/4	Four RJ45 Gigabit Ethernet Port
4.	ON/OFF	Power On/Off Button
5.	12V/1.5A	DC12V Power Input Jack
6.	WPS	Press and hold for 5 seconds to activate WPS pairing for both 2.4G and 5G. $$
7.	Optical	SC/APC socket for optical fiber patch cord. Note: the optical interface is located at the bottom of the ONT.

Login Web Manager and Setup the ONT

How to login the ONT Web Manager

Open the web browser and input the IP as well the username and password: Default login IP: 192.168.1.1

Username: admin

Password: <please check the label on your ONT>

How to setup Wi-Fi Network Name (SSID) and Password

Step1: Login Web Manager first Step2: Click "Network", then select "WLAN 2.4G" or "WLAN 5G"

Step3: Input your new SSID name in "SSID"

Step4: Input your new password in "WPA Pre-Shared Kev" Step5: Click the "Confirm" button to submit your change and the change will be taken

effect immediately

How to change Web Login Password

Step1: Login Web Manager first

Step2: Click "Management" on main menu Step3: Click "User Management" on submenu

Step4: Enter your new password

Step5: Click on "Confirm" button to submit your change

How to restore the ONT Configurations to Factory Default

You have two options to reset the device's configuration to its factory default settings. Option 1:

Step1: Login Web Manager first

Step2: Click "Management" on main menu, then select "Restore Default" on the

Step3: Click on "Restore Default" button, this will then reset the device's configurations to its factory default settings.

Press and hold the 'RESET' button at rear panel of your GN630V for more than 5 seconds using the end of a paper clip or other small object with a narrow tip such as a pencil, and then release.

Troubleshooting

е	Troubleshooting
t	Make sure the power adapter is plugged in the electrical wall outlet Check the power adapter is also plugged in the DC jack at the rear of the ONT Make sure the power On/Off button on the rear panel is set to ON status If the ONT can't power on or often restart, please contact your ISP
t	Plug out the Ethernet cable then plug in the Ethernet cable, wait one minute, check the problem again Power Off the ONT, then power On, wait five minutes, check the problem

Can not Access Check LED status, if LOS LED is flashing, or PON and Internet LED are Off,

please check your optical fiber connection, or contact your ISP for help Check whether the WAN and 2.4G/5G Wi-Fi indicators on the ONT front panel are all ON or flashing

• Make sure your wireless device has connected the correct Wi-Fi SSID access • Modify the encryption type of Wi-Fi, check the problem again Modify the Wi-Fi SSID name and password, check the problem again

Power Off the ONT then power On, wait five minutes, check the problem again • If all the above operations can't solve the problem, please contact your ISP

Caution--use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous radiation exposure.

Attention – L'utilisation des commandes ou réglages ou l'exécution des procédures autres que celles spécifiées dans les présentes exigences peuvent être la cause d'une

Complies with 21 CFR 1040.10 and 1040.11 except for conformance with IEC 60825-1 Ed. 3., as described in Laser Notice No. 56, dated May 8, 2019 Class 1 laser product. The product fulfils the requirements of IEC 60825-1:2014.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: -Reorient or relocate the receiving antenna.

-Increase the separation between the equipment and receiver

-Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

-Consult the dealer or an experienced radio/TV technician for help.

To assure continued compliance, any changes or modifications not expressly approved by the party.

Responsible for compliance could void the user's authority to operate this equipment. (Example- use only shielded interface cables when connecting to computer or peripheral devices).

This equipment 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.

FCC Radiation Exposure Statement:

The equipment complies with FCC Radiation exposure limits set forth for uncontrolled enviroment. This equipment should be installed and operated with minimum distance 20cm between the radiator and your body.

SKYWORTH 创维

▶ 料号(Part No.):

■ 材质(Material):

■ 成品尺寸(Folded Size):

■ 印刷颜色(Print Color):

■ 展开尺寸(Unfolding Size):

No Name

475x145 mm 95x145 mm

待定

■ 厂家/Manufacturer: Voion/Fuweizhi/Jiahui ■ 设计/Designer: 罗运鸿 ■ 日期/Date: 2023.09.12

黑色(Black) 80g书纸(80g Writing paper)





技术要求(NOTES):

原材料及后处理工艺均能满足ROHS和WEEE的要求.

1: 公差(Tolerance): ±2mn

(Raw materials and the corresponding post processing should meet requirements defined in the ROHS and WEEE.)

■ 认证加签/Certification Audit: ■ 审核/Audit 风琴折(奇数页)



Trouble

ONT no

- 封底Back