

Warranty Description



When you purchase a product offered by FiberHome from an authorized dealer, you have a 12-month warranty as standard, except for man-made causes. The warranty period begins on the date of invoice.

For your lawful rights and interests, please notice:

1. The Warranty Card shall come into force with the seal of dealer.
2. Please keep this card properly. No reissuance will be provided if you lose it and it becomes invalid if altered.
3. In the event of a non man-made malfunction during the warranty period, FiberHome will repair or replace this product to its original operating condition free of charge.

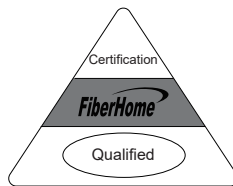
Warranty does not cover the following circumstances:

1. Damage or malfunction caused by transporting, loading and unloading.
2. Damage or malfunction caused by man-made reasons such as opening or remodel the machine on users' own.
3. Damage or malfunction caused by unsatisfactory environment.
4. Damage or malfunction caused by force majeure incidents (such as fire, earthquake, lightning strike, war).
5. Damage or malfunction caused by failure to operate and maintain in accordance with the user's manual.
6. Damage of external parts such as equipment enclosure, power connector in operation.
7. The inconsistency of the Warranty Card and the product serial number, or the warranty card has been altered.

We provide paid repair and maintenance service for the products that are beyond the warranty scope. The final explanation rights of this warranty description are reserved by FiberHome.



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Website: <http://www.fiberhome.com>



PACKAGING LIST:

Device: 1
User Manual: 1
Power Adapter: 1
Ethernet Cable: 1

If you notice any deviations in the contents received as against the order, please contact your supplier.

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MN000006307A

FiberHome

GPON Optical Network Unit User Manual

HG6019A

This document is intended to be used for reference only.

1 Operation Safety Rules

For a correct, safe use of the equipment, please read the following carefully and strictly observe the operation safety rules during your operations.

- High optical power can cause bodily harm, especially to eyes. Never look directly into the end of the optical transmitter fiber jumper or the end of its active connector.
- Exercise care if you must bend fibers. If bends are necessary, the fiber bending radius should never be less than 38mm.
- Power socket overload, broken cables or broken plugs may cause electric shock or fire. Regular check-ups on power supply wires and cables are essential. If any appears damaged, replace at once.
- Use the power supply adapter provided in the package only. Using other adapters may cause equipment damage or operation failures.
- Install the equipment in a well ventilated environment without high temperatures or direct sunlight to protect the equipment and its components from overheating, which can result in damage.
- Power off the equipment in the event of lightning storms. Disconnect all cables connected to the equipment such as power cable, network cable and telephone line to avoid equipment damages caused by lightning stroke.
- Avoid moisture, dampness and water damage. Equipment exposed to water cannot work normally and can be extremely hazardous due to shorting.
- Do not lay this equipment on an unsteady base.

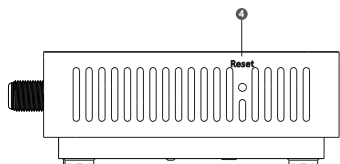
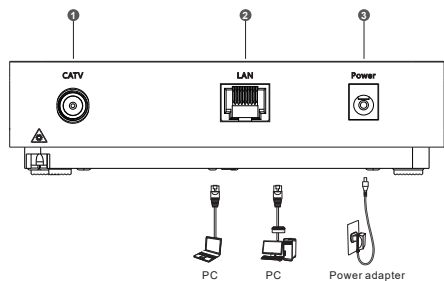
2 Product Introduction

The HG6019A is an FTTH GPON optical network unit. It provides communication and entertainment service in multiple modes such as data and video, to meet integrated access requirement of families or small enterprises.

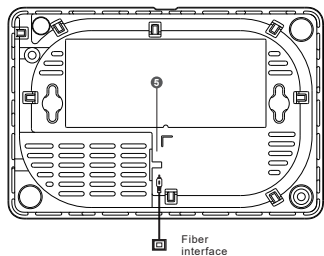
| Type | Item | Description |
|-----------------------------|------------------------|-----------------------------|
| Mechanical parameter | Dimension | 35.5mmx136mmx92.5mm (HxWxD) |
| | Weight | about 160g |
| Power supply parameter | DC | DC 12V/0.5A |
| Power consumption parameter | Power consumption | <5W |
| Environmental parameter | Operating temperature | 0°C to 40°C |
| | Storage temperature | -20°C to 70°C |
| | Environmental humidity | 10% to 95%, non-condensing |

3 Interfaces and Connections

Rear panel
1. CATV interface 2. Ethernet interface 3. Power interface

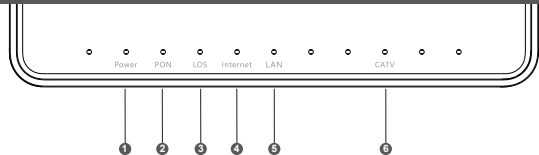


Side panel
4. Reset Button



Bottom panel
5. Fiber interface

4 Indicator LED Description



| | ON | Blinking | OFF |
|---|--|--|--|
| 1 Power status LED (green) | The equipment is powered on. | — | The equipment is not powered on. |
| 2 Registration status LED (green) | The ONU is activated. | The ONU is activating. | The ONU is not activated. |
| 3 Optical signal status LED (red) | — | No optical signals are received. | Optical signals are received. |
| 4 Internet status LED (green) | The access to Internet is normal. | The access to Internet is normal with data transmission. | No access to Internet. |
| 5 Ethernet interface status LED (green) | The interface is connected to the subscriber terminal without data transmission. | The interface is receiving/transmitting data. | The interface is not connected to the subscriber terminal. |
| 6 CATV interface status LED (green) | The CATV is enabled and the signal can be received normally. | The CATV is enabled, but the signal is weak. | The CATV is disabled, or the signal can not be received. |

Note:
Reset key: Press the button for more than 5 seconds to restore the default settings and reboot the device.

5 Logging into Web Configuration GUI

- Step 1 Set the IP address and subnet mask of the computer.
- ▶ Select the Obtain an IP address automatically mode (recommended).
 - ▶ Set to a static IP address in the same network segment of the management IP address (192.168.1.1 by default) of the HG6019A.
 - IP address: 192.168.1.X (X is a decimal integer between 2 and 254)
 - Subnet mask: 255.255.255.0

Step 2 Enter 192.168.1.1 in your browser's address bar. Press Enter to bring up the user login dialog box.

Step 3 Enter username and password (see the label at the bottom of the device for the default settings) in the login dialog box. Access the Web page after the password is authenticated successfully.

Note:
If no operation is performed in five minutes after login, the system will log out.

6 FAQs

FAQ1: All indicator LEDs are extinguished after power-on.

1. Check whether the power cable is correctly connected;
2. Check whether the power supply and the power adapter are normal;
3. Check whether the power switch on the device's rear panel is in the ON position.

FAQ2: The device fails to work.

1. If the device works abnormally, check whether the power is connected normally or the voltage is not within specifications;
2. If the equipment is overheated, check the ventilation. Make sure the equipment is not exposed to direct sunshine or is near the heat source.

FAQ3: The LOS indicator LED blinks.

1. Check whether the optical fiber is damaged;
2. Check whether the optical fiber is connected normally to the appropriate interface;
3. Check whether the received optical power of the ONU is below specifications with an optical power meter;
4. Check whether the ONU optical module is aged or damaged;
5. Check whether the device at the central office end is operating normally.

FAQ4: The LAN indicator LED is extinguished.

1. Check whether the network cable is damaged or incorrectly connected;
2. Check whether the wiring color-coding scheme of the network cable is incorrect. If incorrect, replace the original network cable with a standard CAT-5 twisted-pair network cable;
3. Check whether the network cable crosses the allowed range.

FAQ5: Logging into the Web page failed.

1. Check the network card configuration, browser version of the user's computer;
2. Check whether the IP address of the user's computer is correctly configured.



Warranty Card

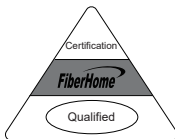
We appreciate your purchase of FiberHome product. FiberHome warrants that the equipment will be free of defects in materials and workmanship for a period of 12 months from the date of purchase. The original, dated, bill of sale should be retained as proof of purchase and must be presented to FiberHome when the equipment is to be serviced under the provisions of this warranty.

Customer Details

| | |
|--------------------|--|
| Customer Name | |
| Address / Zip Code | |
| Phone | |
| E-mail | |
| Model Number | |
| Serial Number | |
| Date of Purchase | |
| Invoice Number | |
| Dealer Name | |
| Dealer Address | |
| Dealer Phone | |

Please keep this card properly. No reissuance if lost.

Dealer: (Seal)



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GPON Optical Network Unit
User Manual

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