

F600D-30-4G1V

Quick Start

Issue 01
Date 2022-11-08



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Security Declaration

Vulnerability

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<https://securitybulletin.huawei.com/enterprise/en/security-advisory>

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1 Device Appearance



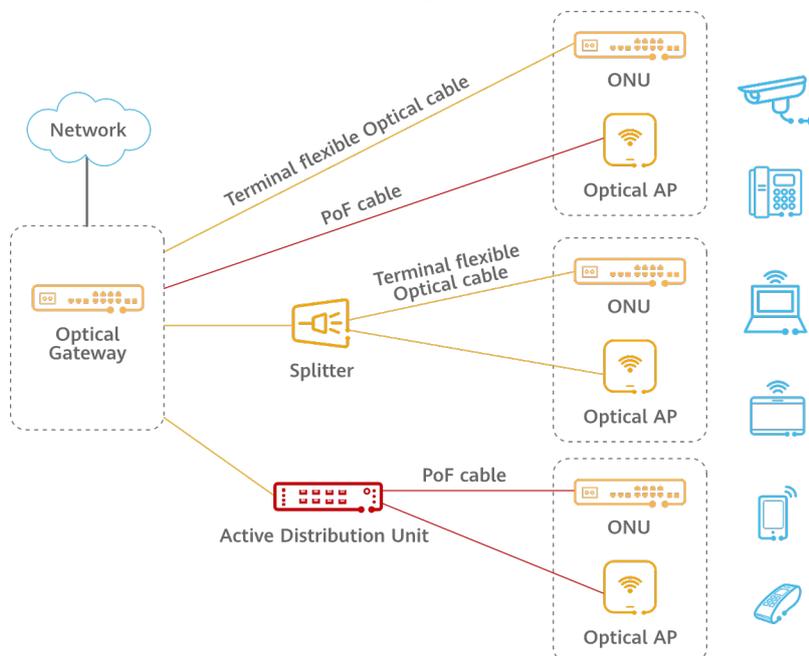
NOTE

The figures shown in this document may differ from the actual products, but the differences do not affect the functions of the products.

Port/ Button	Description
TEL	Connects to a telephone or fax machine.
USB	Connects to a USB storage device.
LAN1- LAN4	Supports 10 Mbit/s, 100 Mbit/s, or 1000 Mbit/s autonegotiation
Power	Connects to a power cable.
On/Off	Turns on or off the device.
WLAN	Enables or disables the WLAN function. When WLAN is disabled, press and hold the WLAN button for more than 3 seconds, and then release the button to enable WLAN. When WLAN is enabled, press and hold the WLAN button for more than 3 seconds, and then release the button to disable WLAN.
WPS	Controls the Wi-Fi protected setup (WPS) function. When WLAN is enabled, press and hold the WPS button for more than 3 seconds, and then release the button to enable WPS.
Reset	Restarts the device. Press the button for a short time to restart the device. Press and hold the button for more than 10s to restore the factory settings and restart the device. NOTE Exercise caution when using the reset button. After the device is restored to factory settings, it may fail to access the Internet. If the device cannot access the Internet after being restored to factory settings, contact your service provider.
PON	Connects to an SC/UPC optical connector to support GPON upstream transmission.

2 Typical Application

Figure 2-1 MiniFTTO networking scenario



3 Device Installation

F600D-30-4G1V can be placed horizontally on a desktop or mounted on a wall.

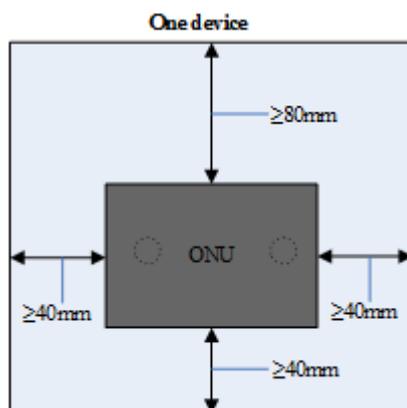
NOTICE

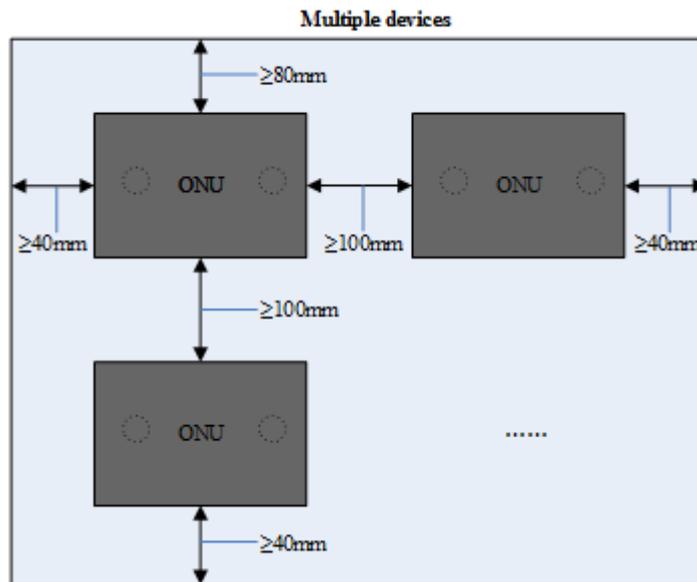
- F600D-30-4G1V is an optical network terminal. F600D-30-4G1V is also called ONU for short.
- Do not stack ONUs that are placed horizontally.
- Do not expose the device outdoors.
- It is recommended that adapters and fibers not be vertically installed above ONUs.
- Use the standard power adapter provided by Huawei to supply power to the device. Otherwise, the device may not work properly or security risks may be introduced.

Space for Heat Dissipation

NOTE

- The following figures show the heat dissipation space requirement when the device is placed horizontally on a desktop or mounted on a wall.
- Ensure that the heat dissipation sides do not contact with a wall or desktop.





Horizontally Placed on a Desktop

NOTICE

Do not stack products that are placed horizontally on a desktop.

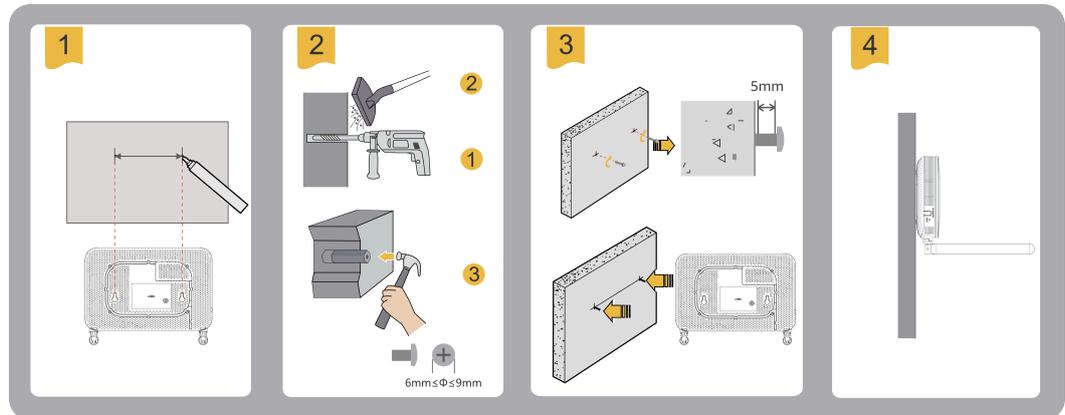


Mounted on a Wall

When installing a device on a wall, ensure that the ports face downwards or sideways to prevent foreign objects such as dust from falling into the device.

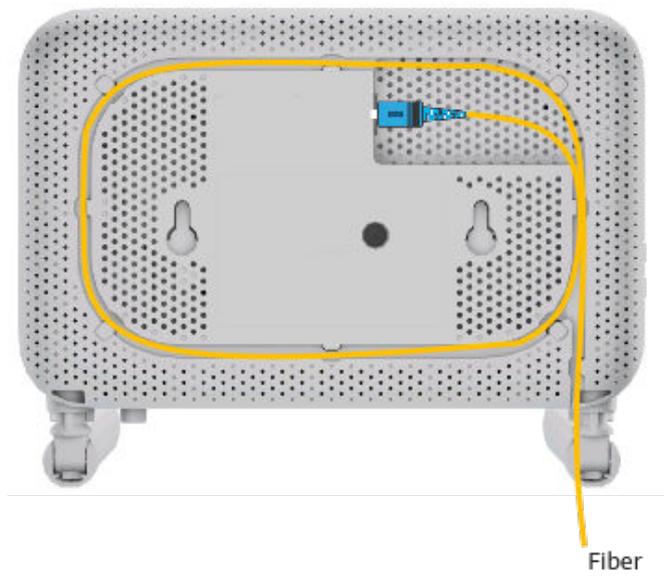
1. Mark the positions of the two holes for installing the ONU on the wall. Ensure that the distance between the two holes is the same as the distance between the ONU mounting holes.
2. Select a proper drill bit based on the outer diameter of the mounting screws, use a hammer drill to drill holes at the marked positions, clean the holes, and install expansion bolts.

3. Use a screwdriver to fasten the screws into the expansion bolts, leaving the heads of the screws 5 mm over the wall. Then, mount the ONU on the screws.



4 Cable Connections





NOTE

The preceding figures are for reference only.

5 Indicator Information

Indicator	Status	Description
Power	Steady green	The device is powered on.
	Off	The device is powered off.
PON/LOS	See the following table.	
LAN1- LAN4	Steady on	The network port is connected, but no data is being transmitted.
	Blinking	The network port is connected, and data is being transmitted.
	Off	The network port is not connected.
TEL	Steady on	The network port is connected, but no data is being transmitted.
	Blinking twice every second	The ONU has registered with the softswitch, and the port is transmitting data.
	Blinking once every two seconds	The ONU fails to register with the softswitch.
	Off	The network port is not connected.
USB	Steady on	The USB port is connected, but no data is being transmitted.
	Blinking	The USB port is transmitting data.
	Off	The device is powered off or the USB port is disconnected.
WLAN	Steady on	The wireless interface is enabled.
	Blinking	Data is being transmitted.

Indicator	Status	Description
	Off	The system is powered off or the wireless interface is disabled.
WPS	Steady on	WPS authentication is enabled.
	Blinking	Terminals such as mobile phones are accessing the network.
	Off	WPS authentication is disabled.

Status ID	PON Port Indicator Status		Description
	Registration	Optical Signal	
1	Off	Off	A PON terminal is prohibited by the upper-layer device or the ONU sends optical signals abnormally. Contact the service provider for help.
2	Blinking rapidly (twice per second)	Blinking rapidly (twice per second)	
3	Blinking rapidly (twice per second)	Off	A PON terminal attempts to set up a connection with its upper-layer device.
4	Steady on	Off	A connection is set up between a PON terminal and its upper-layer device.
5	Off	Blinking slowly (once every two seconds)	A PON terminal is not connected with a fiber or does not send optical signals.
6	Blinking slowly (once every two seconds)	Blinking slowly (once every two seconds)	The PON terminal hardware is faulty.

 **NOTE**

- If the ONU is not connected to a power supply or the power switch is turned off, all indicators are off.
- Added the one-click indicator blinking function to V500R023C00. When you use the one-click indicator blinking function on the app, all indicators blink alternately for 2 minutes. In this way, you can find the location of the ONU.

6 Technical Specifications

Item	Specifications
Dimensions (H x W x D)	35mm x 195mm x 125mm (without external antenna and pads)
Weight	About 372 g
System power supply	12V DC, 1.5A
Power adapter input	100–240 V AC, 50/60 Hz
Operating temperature	0°C to 40°C
Operating humidity	5% to 95%, non-condensing

7 FAQs

How Do I Log In to the WebUI of an Optical AP in a MiniFTTO Network?

NOTE

The actual WebUI may be different from the description. The actual WebUI prevails.

Method 1:

After an Optical AP is connected to a MiniFTTO network, an IP address is automatically allocated to the Optical AP. You can use this IP address to access the Optical AP.

NOTE

You can obtain the IP address in either of the following ways:

- Log in to the WebUI of the gateway OLT and choose **System Information > User Device Information** to view the IP address of an Optical AP.
- Check on eSight. The login password is the same as the common user password of the primary gateway.

Method 2:

Log in to the WebUI of the primary gateway, choose **System Information > Network Information**, and click **Click to Login** under the Optical AP icon. The Optical AP WebUI is displayed.

How Do I Configure Optical AP Network Settings in a MiniFTTO Network?

After an Optical AP is connected to a MiniFTTO network, the network settings of the primary gateway are synchronized to the Optical AP. Therefore, no Optical AP configuration is required.

How Do I Change the Wi-Fi Name and Password of an ONU in a MiniFTTO All-Optical Network?

For the MiniFTTO networking solution, you are advised to change the Wi-Fi name and password on the gateway OLT. The ONU automatically synchronizes the changes.

How do I Restart the Device?

Press the reset button using a needle-type object for a short time to restart the device. For the position of the reset button, see chapter 1.

How Do I Restore Factory Settings?

Use a needle-type object to hold down the reset button for more than 10 seconds to restore factory settings and restart the device. For the position of the reset button, see chapter 1. If the indicator is off and then is on, the device is reset successfully.