



Extend and Share Cellular Signal

4G-CAMP PRO™ 2+

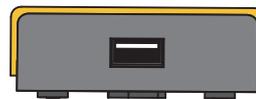
Installation Guide

Package Content

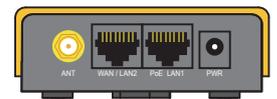
Thank you for choosing 4G-CampPro 2+. Before installing, please check the following items in product package.

-  • 1 x 4G-CampPro Extender Router
-  • 1 x DC power adapter for 4G-CampPro Extender Router
-  • 1 x Tube-U4G USB outdoor signal receiver
-  • 1 x water-resistant tape for securing antenna with 4G-CampPro Extender Router
-  • 1 x outdoor omni Antenna for Tube-U4G
-  • 1 x car charger for 4G-CampPro Extender Router power supply
-  • 1 x omni RP-SMA antenna for 4G-CampPro Extender Router signal transmission
-  • 1 x USB cable for connecting 4G-CampPro Extender Router and Tube-U4G
-  • 1 x Ethernet cable for connecting 4G-CampPro Extender Router and computer

Device Overview



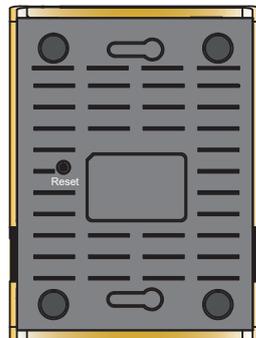
Front Panel



Rear Panel

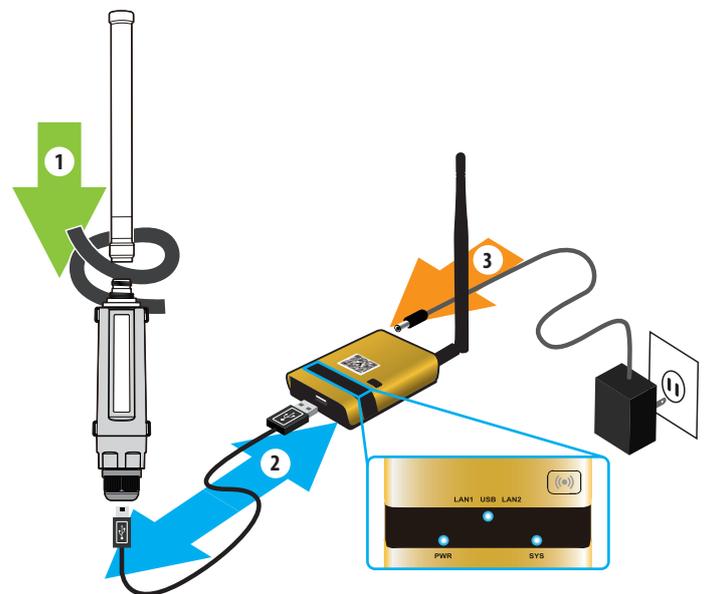
Interface	Functional Descriptions
PoE LAN1 / LAN2	These ports are set as LAN to share Internet access via Ethernet with desktop/laptop computer(s) or network peripherals
USB	Plug in 3G/4G USB modem as source of Internet access
ANT	ANT port is used to connect to 2.4G antenna with SMA connector.
PWR	This port is used to connect to the power adapter. Please use the power adapter in package for device proper operation.

LED Indicators & Buttons



LED Indicator	Descriptions
PWR (Blue)	On - Router is powered ON Off - Router is powered OFF
SYS (Blue)	On - Internet access is established, and ready to serve Off - NO WAN service or Internet access is NOT available Blinking - WAN interface connected, Internet access is NOT available
LAN1 / LAN2 (Blue)	On - Ethernet connection to LAN 1/2 is established Off - Ethernet connection to LAN 1/2 is disabled or cable not connected Flashing - Activities of data flow IN or OUT of the router
USB (Blue)	On - USB device recognized, and connection is established Off - No connection to the USB port or USB device not supported Blinking - slowly (interval: 500ms)- Interface initializing in progress, Internet access is not available Blinking - rapidly (interval: 100ms)- Router is dialing up to establish Internet connection via USB modem
Wireless (Blue) 	On - WiFi service in router is up, and running Off - WiFi service in router is down Blinking : Wireless activities of data flow IN or OUT of the router
Buttons	Descriptions
Wireless 	Toggle to restart device USB port connectivity services
RESET (located in the bottom of device)	Toggle RESET button once - reboot device with current parameters Press RESET button, more than 10 seconds, then release - reboot device with factory default parameters

Hardware Installation



1. Mount the outdoor omni antenna to Tube-U4G securely, and seal the gap on the N-type connector with weather-resistant tape.
2. Mount the omni antenna to the router., and connect Tube-U4G to it via USB cable provided in the package.
3. Connect the power adapter to the router.

NOTE The USB LED on 4G-CampPro Extender Router should be "ON" after installing Tube-U4G.

Access to the Router

Via Wired Connection

Connect computer to LAN1 port on device via Ethernet RJ-45 cable.
Open your web browser, and type-in "alfa.myalfasetup.com" or "192.168.36.1" in the address bar.

NOTE

When Ethernet connection is made, the LAN1 LED will be "ON".



Via Wireless Connection

On your laptop, tablet computer or smartphone, enable WiFi service on your device, and search WiFi name "4GCampPro2-xxxxxx", then associate with it.

Open your web browser, and type-in "alfa.myalfasetup.com" or "192.168.36.1" in the address bar.



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Log In to the Router

When device portal page is connected, to ensure security of device access, please setup device management password, and click "Submit".



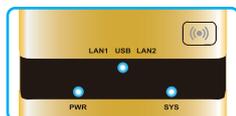
NOTE

- Please setup device administration password when using device for the very first time.
- Device administration password here is not the password for WiFi access, please setup the WiFi password in WiFi setting menu.

Access to the Internet

Before proceeding any further, please review following:
- insert subscribed SIM card into a compatible 3G/4G USB modem
- connect modem to USB port on device
- make sure the USB LED on device is "ON"

To establish 3G/4G Internet service, following info you will need from ISP (Internet Service Provider) company:
- 3G/4G Internet access service
- SIM card
- 3G/4G USB Modem
- An instruction sheet for Internet access from ISP



Please refer to the instruction sheet from ISP.
In device Easy Setup page, input connection parameters (APN, username, password ...etc. if any), click "APPLY"; device will attempt to establish the Internet connection.

NOTE

Incompatible USB device will not be detected by router, USB LED will be blinking, and a warning message will appear in web configurator.
Please contact authorized ALFA Network dealer to obtain product information of compatible device.

USB Wireless device not found

Please plug-in ALFA Network USB GSM/LTE adapter in the USB port
This page will be refreshed automatically

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Access to the Router

Via QR Code Connection

On smartphone/tablet, find WiFi name "4GCampPro2-xxxxxx", and associate with it.
Run QR code reader app, and read the QR code sticker on the router.

Network name
4GCampPro2-xxxxxx



In QR code app, select "Open URL", and device portal page will be shown.

NOTE

iOS 11 or later: please use built-in, native camera app to read the QR code.
If there is no QR code scanner/reader in your smart phone, please search free "QR reader" on the Apple App Store or Google Play Store, and install it to read the QR code sticker on device.

Requirement for web browser to access device setting pages:

Desktop web browsers:

Microsoft Internet Explorer 11, Firefox version 49, or Chrome 65 or later releases.

Smart phone web browsers:

Android 6 or later with Chrome version 65 or later

iOS 8 with Safari version 5 or later

4G-CampPro Extender Router default parameters :

Default device access : alfa.myalfasetup.com or 192.168.36.1

Default user name : admin

Default password : defined by user

Default SSID : 4GCampPro2-xxxxxx

Default wireless encryption: None

If password lost or forgotten, while device is ON, press RESET button on the bottom for 10 seconds then release. Wait for one minute, device will reboot with default settings and please repeat the log-in process to setup new password.

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Local Wireless Network Configurations

The router is able to share the Internet access wirelessly with local computers, smartphones, and other network peripherals.

To establish a secure local wireless network, please input a "Network Name" (wireless SSID) and network password for wireless security.



Access to the Internet

Via Wired Connection

Connect computer to LAN port on the router, make sure the USB and Wireless LEDs are ON.

Start web browsing or other Internet activities.

Via Wireless Connection

On your laptop, tablet computer or smartphone, search the configured WiFi name or default name "4GCampPro2-xxxxxx", then associate with it. Make sure USB and Wireless LEDs are ON.
Start web browsing or other Internet activities.

NOTE

Please make sure device(s) is(are) dynamic IP allocation (DHCP client) enabled when connecting to/associating with the router.

Connection Status



Linked Devices Status					
Hostname	IP Address	MAC Address	Signal / Noise / Leases	Interface	
android-f08646922541a805	192.168.36.247	18:00:2D:75:1E:FD			<->

Once the Internet connection is established, connection status will be shown in the status screen. Clients connected with 4G-CampPro Extender Router status is shown at second column.

NOTE

Clicking on the "Status" on left control panel will refresh machine run-time status.

For more product information, please visit our website for latest product news, and updates.

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