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› ALFA Network WiFi CampPro 2 Universal WiFi/Internet Range Extender Kit User Manual

ALFA Network WiFiCampPro 2

ALFA Network WiFi CampPro 2 Universal WiFi/Internet Range Extender Kit User Manual

Comprehensive guide for setting up and operating your WiFi CampPro 2 system for RVs, motorhomes, and boats.

1. INTRODUCTION

The ALFA Network WiFi CampPro 2 is a professionally tuned and highly integrated system designed to retrieve and extend internet access from remote WiFi hotspots. This kit is ideal for users in caravans, motorhomes, boats, and RVs, providing enhanced WiFi coverage and reliable internet connectivity within your vehicle or vessel.

This manual provides detailed instructions for the installation, operation, and maintenance of your WiFi CampPro 2 system, ensuring optimal performance and a seamless user experience.

2. PACKAGE CONTENTS

Before beginning installation, please verify that all components listed below are present in your package:

- Outdoor WiFi USB Device (Tube-UN)
- Indoor WiFi Device (R36A)
- Outdoor Omni-directional Antenna (AOA-2409TF)
- USB Cable
- 12V DC Power Adapter
- Car Charger
- Water-Resistant Tape
- Mounting Accessories (e.g., zip ties)



Figure 2.1: All components included in the ALFA Network WiFi CampPro 2 kit.



Figure 2.2: Front view of the ALFA Network WiFi CampPro 2 retail packaging.

3. PRODUCT OVERVIEW

The WiFi CampPro 2 system consists of several key components working together to provide extended WiFi range:

- **Tube-UN (Outdoor WiFi USB Device):** This weather-proof unit connects to the external antenna and captures distant WiFi signals. It is designed for outdoor installation.
- **R36A (Indoor WiFi Device):** This acts as a WiFi router, receiving the signal from the Tube-UN and rebroadcasting it as a local WiFi network inside your vehicle. It also features a USB host for the ALFA wireless adapter.
- **AOA-2409TF (Outdoor Omni-directional Antenna):** A 2.4 GHz 9dBi antenna that connects to the Tube-UN to enhance signal reception.



Figure 3.1: The R36A Indoor WiFi Device, which creates your local WiFi network.





Figure 3.2: The Tube-UN Outdoor WiFi USB Device, designed for robust outdoor signal capture.



Figure 3.3: Rear view of the product box, illustrating the system components and their interaction.

4. SETUP AND INSTALLATION

Follow these steps to set up your ALFA Network WiFi CampPro 2 system:

1. **Mount the Outdoor Antenna and Tube-UN:** Securely mount the AOA-2409TF antenna in an elevated position on your RV, motorhome, or boat, ensuring it has a clear line of sight to potential WiFi hotspots. Connect the Tube-UN to the antenna. Use the provided water-resistant tape to seal connections if exposed to elements.
2. **Connect Tube-UN to R36A:** Use the supplied USB cable to connect the Tube-UN (Outdoor WiFi USB Device) to the R36A (Indoor WiFi Device).
3. **Power the R36A:** Connect the R36A to power using either the 12V DC power adapter or the car charger, depending on your power source availability.
4. **Initial Configuration:**
 - **Smartphone QR Setup:** For a simple setup, scan the QR code on the R36A using your smartphone. This will guide you through the initial configuration steps.
 - **Web Configurator:** Alternatively, connect your computer or mobile device to the R36A's default WiFi network (SSID and password usually found on a sticker on the device). Open a web browser and navigate to the R36A's default IP address (e.g., 192.168.36.1) to access the web-based setup wizard.
5. **Scan and Connect to Hotspot:** Within the setup interface, scan for available WiFi hotspots. Select the desired hotspot and enter its password if required. The R36A will then connect to this hotspot via the Tube-UN and antenna.
6. **Configure Local WiFi Network:** Set up your local WiFi network (SSID and password) that devices inside your vehicle will connect to. This allows you to share the extended internet access with multiple devices like smartphones, tablets, laptops, smart TVs, and gaming consoles.

ALFA
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WiFi-CAMP PROTM 2

Universal WiFi / Internet range extender kit for home, boat, RV



Tube-UN



WiFi hotspot



R36A

Smartphone

Tablet

Laptop

PC



User-friendly web setup



Solution for Boat & RV



Vehicle Surge Protection

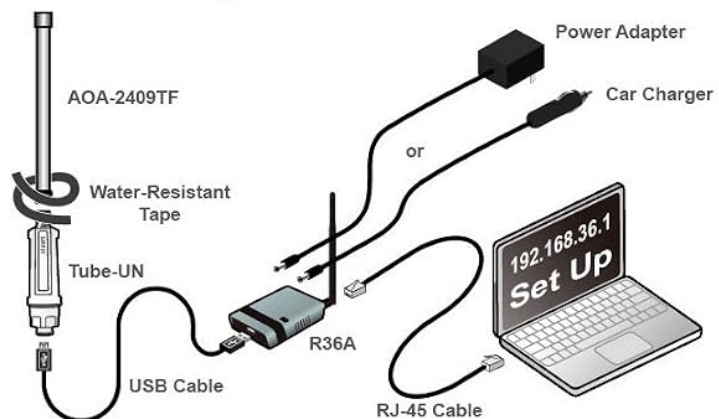


Improved throughput



Extend WiFi hotspot signal and share

Installation Diagram



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Figure 4.1: Detailed installation diagram showing component connections and typical setup in an RV environment.

For detailed visual instructions, please refer to the official installation guide included in your package or available on the ALFA Network website. No official product videos were provided in the product data for this manual.

5. OPERATING INSTRUCTIONS

Once the initial setup is complete, operating the WiFi CampPro 2 is straightforward:

- **Connecting Devices:** Connect your devices (smartphones, tablets, laptops, etc.) to the local WiFi network broadcast by the R36A, using the SSID and password you configured during setup.
- **Reconnecting to Hotspots:** If you move to a new location, you will need to access the R36A's web configurator (via its local WiFi network) to scan for new available hotspots and connect to them. The system remembers previously connected networks, making reconnection easier.
- **Monitoring Connection Status:** The R36A's web interface provides status information about the connection to the external hotspot and the local network, including signal strength and connected clients.
- **Firmware Updates:** Periodically check the ALFA Network website for firmware updates for the R36A and Tube-UN. Firmware updates can improve performance, add features, and resolve issues. Follow the instructions provided by ALFA Network for safe firmware upgrades.

6. MAINTENANCE

Proper maintenance ensures the longevity and optimal performance of your WiFi CampPro 2 system:

- **Cleaning:** Gently wipe the exterior of the Tube-UN and R36A with a soft, dry cloth. Do not use liquid cleaners or aerosols. Ensure the outdoor unit's connections are free from dirt and debris.
- **Cable Inspection:** Periodically inspect all cables for signs of wear, damage, or corrosion, especially the outdoor USB cable. Replace damaged cables immediately to prevent performance issues or electrical hazards.
- **Antenna Position:** Ensure the outdoor antenna remains securely mounted and in an optimal position for signal reception. Re-adjust if necessary.
- **Storage:** If storing the system for an extended period, disconnect all power and store components in a cool, dry place away from direct sunlight and extreme temperatures.

7. TROUBLESHOOTING

If you encounter issues with your WiFi CampPro 2, try the following troubleshooting steps:

- **No Internet Connection:**
 - Verify that the R36A is powered on and its indicator lights are active.
 - Check the USB connection between the Tube-UN and R36A.
 - Access the R36A's web interface and confirm it is successfully connected to an external WiFi hotspot. Check the signal strength of the hotspot.
 - Ensure the external hotspot itself has an active internet connection.
 - Restart both the R36A and the Tube-UN by disconnecting and reconnecting power.
- **Weak Signal or Slow Speed:**
 - Ensure the outdoor antenna is mounted as high as possible and has a clear line of sight to the hotspot.
 - Check for physical obstructions between your antenna and the hotspot.
 - Confirm the antenna cable is securely connected to the Tube-UN.
 - Consider repositioning your vehicle or vessel closer to the hotspot if possible.
- **Cannot Access Web Interface:**
 - Ensure your device is connected to the R36A's local WiFi network.
 - Verify you are entering the correct IP address (e.g., 192.168.36.1) in your browser.

- Try clearing your browser's cache or using a different browser.
- Temporarily disable any VPN or proxy settings on your device.
- **Firmware Issues:** If you suspect firmware-related problems, consult the ALFA Network support website for the latest firmware and detailed update instructions. Incorrect firmware updates can damage the device.

If problems persist after attempting these steps, please contact ALFA Network customer support for further assistance.

8. SPECIFICATIONS

Feature	Detail
Model Number	WiFiCampPro 2
Brand	ALFA Network
Wireless Communication Standard	802.11n
Frequency Bands Supported	2.4 GHz
Compatible Devices	Router
Item Weight	2.14 pounds
Package Dimensions	19.8 x 6.6 x 2.4 inches
Included Components	Antenna, Indoor WiFi Device, Outdoor WiFi USB Device

9. WARRANTY AND SUPPORT

For information regarding the product warranty, please refer to the warranty card included with your purchase or visit the official ALFA Network website. Warranty terms and conditions may vary by region and retailer.

For technical support, troubleshooting assistance, or inquiries about replacement parts, please contact ALFA Network customer service. Contact details can typically be found on the manufacturer's website or in the product packaging.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question