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AdaLov CF-EW84

AdaLov Outdoor Wi-Fi Access Point User Manual

Model: CF-EW84

1. INTRODUCTION

This manual provides comprehensive instructions for the installation, configuration, and operation of your AdaLov Outdoor Wi-Fi Access Point. Designed for robust outdoor performance, this device extends your wireless network coverage up to 200 meters, making it ideal for large outdoor areas such as gardens, patios, farms, campuses, parks, and cafes. It features dual-band 1200Mbps Wi-Fi, Power over Ethernet (PoE) support for simplified installation, and an IP66-rated waterproof design for reliable operation in various weather conditions.

2. PACKAGE CONTENTS

Please verify that all items listed below are present in your package. If any items are missing or damaged, please contact customer support.

Für den Außeneinsatz geeignet

Widerstandsfähig gegen widrige
Wetterbedingungen



Image: Contents of the AdaLov Outdoor Wi-Fi Access Point package.

- 1 x AdaLov Outdoor Wi-Fi Access Point
- 2 x External Antennas
- 1 x PoE Power Adapter
- 1 x 2-Pin C7 Power Cable
- 1 x Ethernet Network Cable
- 1 x Mounting Bracket
- 2 x Waterproof Caps
- 2 x Self-Tapping Screws
- 2 x Cable Ties
- 1 x User Manual

3. PRODUCT FEATURES

The AdaLov Outdoor Wi-Fi Access Point is engineered with advanced features to provide reliable and high-performance wireless connectivity in outdoor environments.



Image: Key features of the AdaLov Outdoor Wi-Fi Access Point.

- **Extended Coverage:** Provides Wi-Fi coverage up to 200 meters, suitable for large outdoor areas.
- **High-Speed Dual-Band Wi-Fi:** Supports 1200Mbps (2.4GHz and 5.8GHz) for smooth browsing, HD streaming, and video calls.
- **Power over Ethernet (PoE):** Simplifies installation by allowing power and data transmission over a single Ethernet cable.
- **Robust Weatherproof Design:** IP66-rated enclosure ensures resistance against heavy rain, dust, extreme temperatures, and humidity.
- **Multi-Function Modes:** Supports AP, Router, Repeater, and Bridge modes to adapt to various network requirements.
- **High Capacity:** Capable of handling over 120 simultaneous connections, ideal for public spaces.
- **Enhanced Security:** Features 128-bit encryption and WPA/WPA2-PSK protocols to protect your network from

unauthorized access.

- **High-Gain Antennas:** Two external antennas provide strong 360° Wi-Fi signal with minimal interference.

4. SETUP AND INSTALLATION

The AdaLov Outdoor Wi-Fi Access Point offers flexible installation options for various outdoor environments.

4.1 Mounting Options

The device can be mounted on a wall or a pole using the included mounting bracket.

Vielseitige Montagemöglichkeiten im Außenbereich

Schützen Sie Ihren Access Point mit einer Halterung

Wandmontage

Mastmontage



Image: Wall and Pole Mounting Options.

- **Wall Mount:** Secure the mounting bracket to a suitable outdoor wall using the provided screws. Attach the access point to the bracket.
- **Pole Mount:** Use the included cable ties or clamps to secure the mounting bracket to a pole. Attach the access point to the bracket.

4.2 Connecting the Device

The access point supports Power over Ethernet (PoE), simplifying cabling requirements.

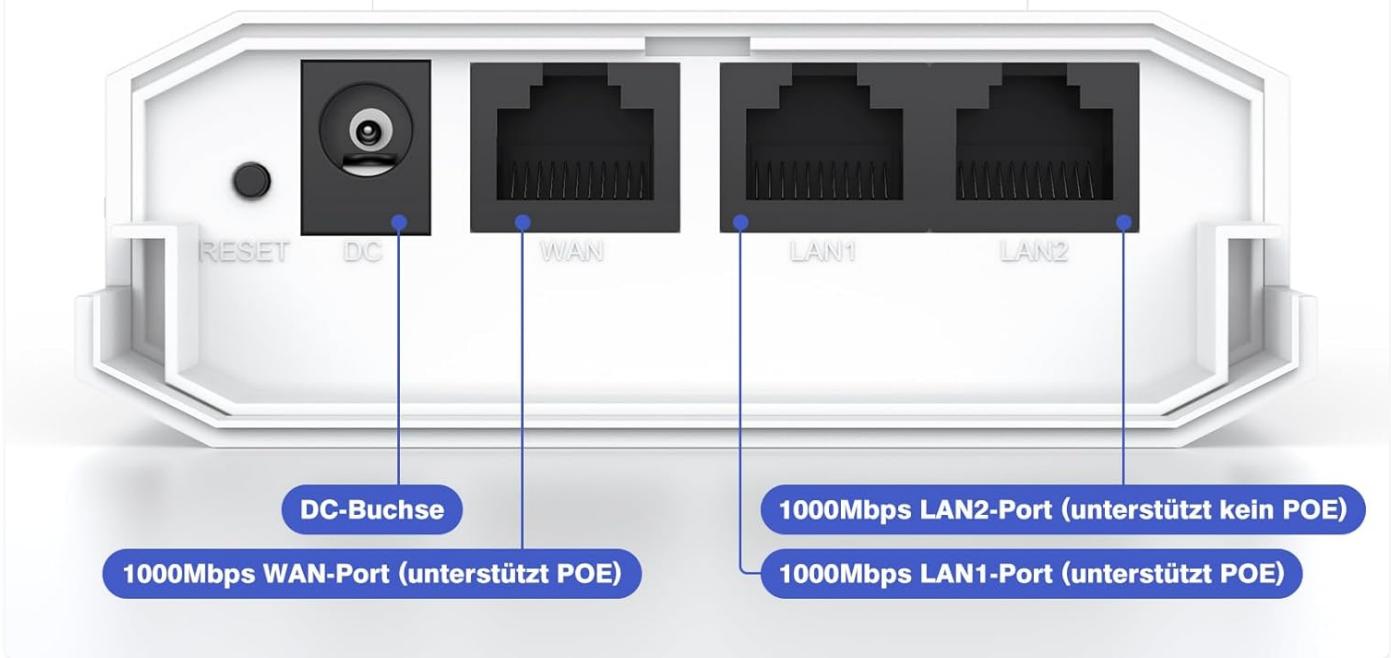
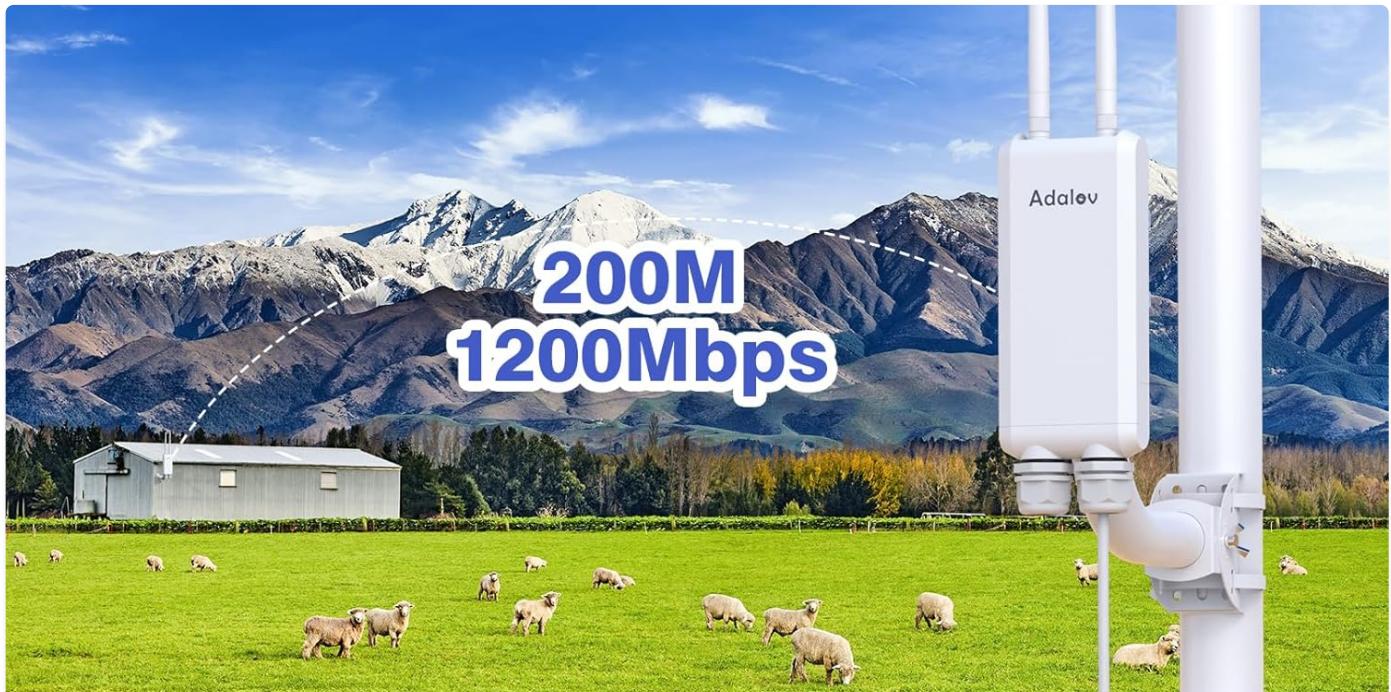


Image: Port details and connectivity options.

1. Connect the PoE power adapter to a working power outlet.
2. Connect one end of the Ethernet cable to the "PoE Out" port on the PoE adapter.
3. Connect the other end of the Ethernet cable to the WAN port (PoE supported) on the AdaLov Access Point. Ensure waterproof caps are properly installed for outdoor use.
4. If additional wired connections are needed, use the LAN1 (PoE supported) or LAN2 (no PoE supported) ports.

The device will power on automatically once connected. The LED indicators on the device will show its status.



Image: Signal indicator LEDs.

5. OPERATING MODES

The AdaLov Outdoor Wi-Fi Access Point supports four primary operating modes to suit various network configurations.

Unterstützt vier Modi



Image: Supported Multi-Modes.

5.1 Router Mode

In Router mode, the device acts as a primary router, connecting to your modem and providing internet access to all connected devices, both wired and wireless.

5.2 Bridge Mode

Bridge mode allows two or more local area networks (LANs) to be connected wirelessly, effectively extending a wired network segment over a wireless link.

5.3 AP (Access Point) Mode

In AP mode, the device connects to an existing wired network (e.g., via a switch) and broadcasts a wireless signal, allowing wireless devices to connect to the wired network.

5.4 Repeater Mode

Repeater mode extends the range of an existing Wi-Fi network by receiving the wireless signal and re-transmitting it, boosting coverage in areas with weak signals.

6. MAINTENANCE

To ensure optimal performance and longevity of your AdaLov Outdoor Wi-Fi Access Point, follow these maintenance guidelines:

- **Regular Cleaning:** Periodically clean the exterior of the device to remove dust, dirt, and debris. Use a soft, damp cloth. Do not use harsh chemicals or abrasive cleaners.
- **Inspect Cables and Connections:** Regularly check all cable connections for signs of wear, damage, or corrosion. Ensure waterproof caps are securely in place.
- **Firmware Updates:** Check the manufacturer's website for available firmware updates. Keeping the firmware updated can improve performance, security, and add new features.
- **Environmental Considerations:** While the device is IP66-rated for outdoor use, avoid placing it in locations where it might be subjected to direct, prolonged water submersion or extreme physical impact.

7. TROUBLESHOOTING

If you encounter issues with your AdaLov Outdoor Wi-Fi Access Point, refer to the following common troubleshooting steps:

- **No Power/LEDs Off:**
 - Ensure the PoE adapter is properly connected to a working power outlet.
 - Verify the Ethernet cable from the PoE adapter is securely connected to the WAN port of the access point.
- **No Internet Connection:**
 - Check the internet connection from your modem/router.
 - Ensure the access point is configured correctly for its operating mode (Router, AP, Repeater, Bridge).
 - Restart the access point and your main router/modem.
- **Weak Wi-Fi Signal or Limited Range:**
 - Ensure the access point is mounted in an optimal location, free from obstructions like thick walls or large metal objects.
 - Verify the antennas are securely attached and oriented correctly.
 - Check for sources of interference (e.g., other wireless devices, microwaves).
- **Cannot Access Configuration Page:**
 - Ensure your device is connected to the access point's network (wired or wireless).
 - Verify you are using the correct IP address for the configuration page (refer to the full user manual for default IP).
 - Try clearing your browser's cache or using a different browser.
- **Frequent Disconnections:**
 - Update the device's firmware to the latest version.
 - Adjust Wi-Fi channel settings to avoid interference from neighboring networks.
 - Ensure the device is not overheating.

For more detailed troubleshooting or advanced configurations, please refer to the complete user manual provided with the product or visit the AdaLov support website.

8. SPECIFICATIONS

Feature	Specification
Brand	AdaLov
Model	CF-EW84
Dimensions	9 x 3.5 x 25 cm
Weight	1.43 kg
Data Transfer Rate	1200 Megabits per second
Wireless Standard	802.11a, 802.11ac, 802.11g, 802.11n
Frequency Band Class	Dual-Band (2.4GHz, 5.8GHz)
Number of Ports	3 (WAN, LAN1, LAN2)
Connector Type	RJ45, Ethernet, Wi-Fi
Compatible Devices	Security Camera, Personal Computer, Smartphone, Tablet, Smart Television
Special Features	Waterproof (IP66), LED Indicator, Guest Mode, Access Point Mode, Internet Security
Operating System	RouterOS

9. WARRANTY AND SUPPORT

For information regarding the product warranty, technical support, and service, please refer to the warranty card included in your product packaging or visit the official AdaLov website. The user manual included in the box may also contain specific warranty details and contact information for support.

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Related Documents - CF-EW84

 <p>Installation Guide CF-MC Master Controller Danfoss Danfoss HEATING SOLUTIONS</p>	<p>Danfoss CF-MC Master Controller Installation Guide - Wireless Hydronic Floor Heating Control</p> <p>Comprehensive installation guide for the Danfoss CF-MC Master Controller, part of the CF2+ wireless hydronic floor heating system. Learn about mounting, wiring, configuration, temperature settings, troubleshooting, and technical specifications.</p>
 <p>Instruction Manual for Windows 7 Recovery Image Download Service</p> <p>AVC Products Division AVC Networks Division Panasonic Corporation</p> <p>First edition : Oct. 1, 2010 Revised edition : Jan. 10, 2017</p>	<p>Panasonic Windows 7 Recovery Image Download Service Instruction Manual</p> <p>This manual provides step-by-step instructions for using the Panasonic Windows 7 Recovery Image Download Service to create installation media for downgrading Panasonic products from Windows 10 Pro to Windows 7 Professional SP1.</p>
 <p>Qlima Wi-Fi Connect User Manual WIN</p> <p>This document is applicable to selected Qlima products. Please read the product manual for more information. Note: Only for portable appliances</p>	<p>Qlima Wi-Fi Connect User Manual</p> <p>User manual for Qlima's Wi-Fi Connect feature, detailing setup, registration, and troubleshooting for portable appliances.</p>
 <p>DuraComfort PORTABLE AIR CONDITIONER Wi-Fi Connect User Manual WIN</p> <p>This document is applicable to selected WIN products. Please read the product manual for more information. CAUTION: WARNING and CAUTION sections in this document apply to WIN products.</p>	<p>DuraComfort Portable Air Conditioner Wi-Fi Connect User Manual</p> <p>User manual for the DuraComfort Portable Air Conditioner with Wi-Fi Connect functionality, detailing setup, app usage, troubleshooting, and warranty information.</p>
 <p>Guía de Configuración del Extensor WiFi QLOCOM: Configuración WPS y Modo Puente</p>	<p>Guía completa para configurar su Extensor WiFi QLOCOM (Modelo CF-WR768AC) utilizando el modo WPS o el modo puente. Incluye instrucciones paso a paso y consejos.</p>



[TerraBloom Carbon Filters User Manual](#)

User manual for TerraBloom Carbon Filters, detailing product features, application tips, performance data, and installation instructions. Includes information on recommended fan pairings and maintenance.