



# ALL-WAPC0436AC

Wireless AC Dual Band Access Point PoE



## Kurzanleitung

## Standardeinstellungen

**IP: wird per DHCP vergeben**

Wenn kein DHCP vorhanden: **192.168.1.1**

**User Name: admin**

**Password: admin**

**Bitte ändern Sie aus Sicherheitsgründen nach der endgültigen Konfiguration die Standard-Passwörter des Gerätes!**

**Besuchen Sie unser Downloadportal um aktuelle Firmware / Dokumente / Software zu erhalten:**

**<http://www.allnet.de/downloads.html>**

**Weitere Hilfestellungen finden Sie auch online in unserem Service Portal:**

**<http://service.allnet.de/>**

## Verpackungsinhalt

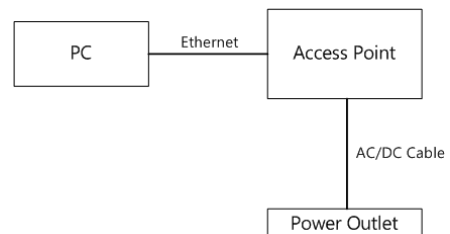
Bitte überprüfen Sie den Inhalt der Verpackung, bevor Sie mit der Inbetriebnahme des ALL-WAPC0436AC fortfahren.

- ALL-WAPC0436AC Access Point
- 12V/1A Netzteil
- Gedruckte Kurzanleitung
- Deckenbefestigung (9/16 Zoll T-Schiene)
- Deckenbefestigung (15/16 Zoll T-Schiene)
- Mounting Kit

Please use only the power supply unit that is delivered with the device.  
Bitte verwenden Sie nur das mitgelieferte Netzteil.

## Den ALL-WAPC0436AC verbinden

- 1) Stellen Sie sicher dass Ihr Computer eine Ethernetkarte (RJ-45 Ethernet Port) besitzt. Für mehr Informationen vergleichen Sie dazu Ihr Benutzerhandbuch.
- 2) Verbinden Sie das eine Ende des Ethernet-Kabels der Kategorie 5e in den RJ-45-Port des ALL-WAPC0436AC und das andere Ende an den RJ-45-Anschluss am Computer, der den ALL-WAPC0436AC verwendet. Stellen Sie sicher, dass das Kabel richtig an dem ALL-WAPC0436AC und dem Computer angeschlossen ist.
- 3) Schließen Sie den DC Stecker des Netzteils an die **DC-IN** Buchse am ALL-WAPC0436AC und das Netzteil an den Stromanschluß. **Bitte verwenden Sie nur das mitgelieferte Netzteil!**



**Hinweis:** ALL-WAPC0436AC unterstützt sowohl IEEE 802.3af/at PoE (Power over Ethernet) als auch das reguläre Netzteil. Verwenden Sie eine von beiden Stromversorgungen. Bitte schließen Sie Beide nicht gleichzeitig an.

### IP Adressen – Konfiguration (ohne DHCP-Server !)

- 1) Stellen Sie sicher das der ALL-WAPC0436AC und ihr Computer eingeschaltet und miteinander verbunden sind
- 2) Für die nächsten Schritte sollten Sie gegeben falls auch in Ihrem Betriebssystemhandbuch nachschlagen.
- 3) Wenn Ihr Computer eingeschaltet ist, stellen Sie sicher das Ihr TCP/IP Protokoll eingerichtet und an ist. (In der Systemsteuerung, doppelklicken Sie auf Netzwerkverbindungen, und dann auf die Verbindung Ihrer Netzwerkkarte(NIC). Wählen Sie **Internet Protocol (TCP/IP)** aus und klicken Sie auf den **Eigenschaft** Button.
- 4) Wenn Ihr PC bereits in einem Netzwerk ist, stellen Sie sicher dass der Computer (oder die Ethernet Karte die mit dem ALL-WAPC0436AC verbunden ist) auf eine Statische IP Adresse von **192.168.1.2** und die Subnet Adress Maske auf **255.255.255.0** gesetzt ist. (Wählen Sie **Folgende IP Adresse verwenden** Option aus). Wenn dann Ihr dann Computer fertig vorbereitet ist, können Sie mit Konfiguration des ALL-WAPC0436AC beginnen.

### ALL-WAPC0436AC Setup (für Standalone Modus – Ohne DHCP Server!)

- 1) Zum Konfigurieren des ALL-WAPC0436AC öffnen Sie einen Webbrowser (**z.B.:** Microsoft Internet Explorer, Mozilla Firefox, Google Chrome, etc.).
- 2) In der Adress-Leiste des Webbrowsers tippen Sie **192.168.1.1** (die Standard IP Adresse des ALL-WAPC0436AC) und drücken Sie Enter.

**http://192.168.1.1**

- 3) Ein Login-Bildschirm erscheint. Standardmäßig ist der Benutzername des ALL-WAPC0436AC **admin** und das Passwort **admin**. Geben Sie den aktuellen Benutzernamen und das Kennwort des ALL-WAPC0436AC und klicken Sie dann auf **Login**. Wie Sie den Benutzernamen und das Kennwort ändern können finden Sie im ALL-WAPC0436AC Handbuch.
- 4) Nach dem **Login** mit korrekten Benutzernamen und Kennwort erscheint das Hauptmenü des ALL-WAPC0436AC. Dann können Sie weiter mit dem Wireless Verbindungen des ALL-WAPC0436AC fortfahren



## **Konfiguration via Controller ALL-WAPC0450C**

Navigieren Sie auf das Webinterface Ihres *ALL-WAPC0450C-Controllers*.

Der ALL-WAPC0436AC sollte nach 4-5 Scan-Intervallen automatisch vom Gerät erkannt und zur Einbindung angeboten werden.

Sollte das Gerät nicht erkannt werden, überprüfen Sie ob beide Geräte im selben Subnetz arbeiten.

Sollten Sie ohne DHCP-Server arbeiten, müssen die IP-Adressen manuell im selben Subnetz konfiguriert werden.

## **Konfiguration als eigenständiger Access Point**

Hier sehen Sie eine Beispielkonfiguration als Access Point..

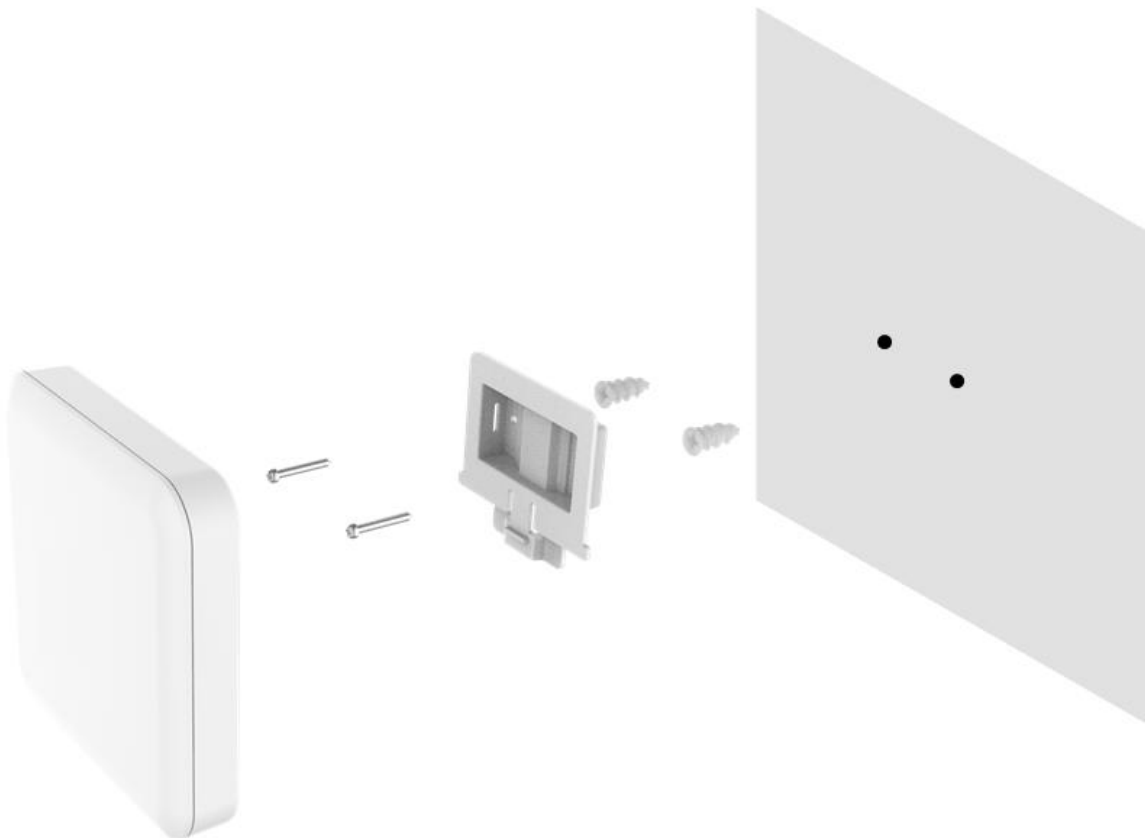
- 1) Klicken Sie auf **Wireless**. Anschließend sehen Sie die Übersicht über 2,4 GHz und 5 GHz.
- 2) Weiter zu **Operating Mode**: Wählen Sie den Operation Mode **Access Point** aus der Liste aus. Bestätigen Sie mit dem **Save** Button (scrollen Sie dazu zum Seitenende nach unten.).
- 3) Klicken Sie nun auf den Button **Edit** und erstellen Sie eine Verschlüsselungsart und ein WLAN-Passwort. Wir empfehlen Ihnen **WPA2/PSK mit AES**. Das Passwort muss mindesten 8 Zeichen betragen. Speichern Sie die Einstellungen mit **Save**.

**Befestigung des ALL-WAPC0436AC**

Der ALL-WAPC0436AC kann durch das mitgelieferte Montageset an Wand oder Decke befestigt werden.

**Um den ALL-WAPC0436AC an einer Decke oder an der Wand mit der Halterung zu befestigen:**

- A) Schieben Sie den Deckenhalterboden in den Schlitz des Gerätes.
- B) Halten Sie den AP mit einer Hand fest, um die andere Hand über die T-Schienen-Seiten der Halterung zu erreichen. Hängen Sie dann das stationäre Ende der Deckenhalterung in die T-Schiene ein.



- C) Bestimmen Sie, wo der AccessPoint platziert werden soll und markieren Sie die Position auf der Oberfläche für die beiden Befestigungslöcher. Bohren Sie mit dem geeigneten Bohrer zwei 8,1 mm Durchmesser- und 26 mm Tiefenlöcher in die Markierungen und schlagen Sie die Schrauben in die Öffnungen.
- D) Schrauben Sie die Dübel in die Löcher, bis sie bündig mit der Wand abschließen, und schrauben Sie die mitgelieferten Schrauben in die Dübel.
- E) Stellen Sie den AccessPoint mit den Befestigungsschraubenköpfen an die Wand.





ALL-WAPC0436AC Kurzanleitung



# ALL-WAPC0436AC

Wireless AC Dual Band Access Point PoE



## Quick Installation Guide (english)



## DEFAULT VALUES

<b>IP:</b>	<b>by DHCP</b>
<b>Fallback IP:</b>	<b>192.168.1.1</b>
<b>User name:</b>	<b>admin</b>
<b>Password:</b>	<b>admin</b>

**Please change the default passwords after the final configuration for security reasons!**

**To download the user manual and the latest firmware refer to:**

**<http://www.allnet.de/downloads.html>**

**Take a look into the ALLNET Service Portal for more helpful guidance:**

**<http://service.allnet.de/>**

## Package content

Please verify contents of the box before continuing to set up the ALL-WAPC0436AC.

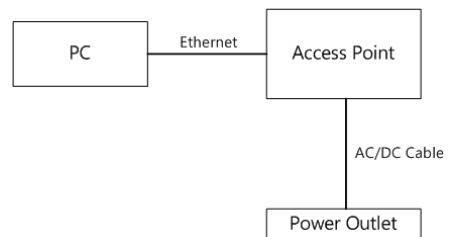
- ALL-WAPC0436AC Access Point
- 12V/1A Power Adaptor
- Mounting Bracket
- Ceiling Mount Base (9/16" T-Rail)
- Ceiling Mount Base (16/16" T-Rail)
- Printed Quick Install Guide

**Please use only the power supply unit that is delivered with the device.**

## Connecting the ALL-WAPC0436AC

- 4) Ensure that the computer in use has an Ethernet Card (RJ-45 Ethernet Port). For more information, verify with User Manual.
- 5) Connect one end of the Category 5e Ethernet cable into RJ-45 port of the ALL-WAPC0436AC and the other end to the RJ-45 port on the computer that will use the ALL-WAPC0436AC. Ensure that the cable is securely connected to both the ALL-WAPC0436AC and the Computer.
- 6) Connect the Power DC Inlet to the **DC-IN** port of the ALL-WAPC0436AC and the Power to the electrical out. **Please use only the supplied power adapter!**

**Note:** ALL-WAPC0436AC supports both IEEE 802.3at PoE(Power over Ethernet) and regular power adapter. You should use either one as the power source. Please do not apply both at the same time.



## IP address configuration

- 5) After ensuring the ALL-WAPC0436AC device is powered on and plugged in, ensure that your computer is on.
- 6) For the next steps, refer to your Operating System User Manual.
- 7) Once your computer is on, ensure that your TCP/IP is set to **On** or **Enabled**. (In the control panel, double click Network Connections and then double click on the connection of your Network Interface Card (NIC). Select **Internet Protocol (TCP/IP)** and then click on the **Properties** button.)
- 8) If your PC is already on a computer network, ensure that you have set it to a Static IP Address on the interface (or Ethernet card that will use the ALL-WAPC0436AC) as **192.168.1.21** and the Subnet Mask address as **255.255.255.0**. (Select **Use the following IP Address** radio button). Once the computer has been prepared, proceed to setting up the ALL-WAPC0436AC.

## ALL-WAPC0436AC Setup

- 5) To configure ALL-WAPC0436AC, open a web browser (**example:** Microsoft Internet Explorer, Mozilla Firefox, Google Chrome, etc.).
- 6) In the address bar of the web browser, enter **192.168.1.1** (the default IP address of the ALL-WAPC0436AC) and hit enter.

**http://192.168.1.1**

- 7) A login screen will appear. By default, the username of the ALL-WAPC0436AC is **admin** and the password is **admin**. Enter the current username and password of the ALL-WAPC0436AC and then click **Login**. Refer to the ALL-WAPC0436AC user manual on how to change the username and password.
- 8) After clicking **Login** with the correct username and password, the ALL-WAPC0436AC Main Menu will appear. If you are successful, proceed to setting up the wireless connection.





### **Configuration via controller ALL-WAPC0450C**

Navigate to the web interface of your ALL-WAPC0450C controller.

The ALL-WAPC0436AC should be automatically recognized by the device after 4-5 scan intervals and offered for integration.

If the device is not recognized, check whether both devices are working in the same subnet.

If you work without DHCP server, the IP addresses must be configured manually in the same subnet.

### **Configuration as independent Access Point**

This device can operate in the following modes: Access Point, WDS AP, WDS Bridge and Repeater.

- A. Click on the **Wireless** under the navigation menu.
- B. Navigate to **Operating Mode**. Select **Access Point** and then click on the **Save** button.
- C. Navigate to your active SSID and click on the **Edit** button. A new window opens. Now select your favorite security authentication and enter an wireless password. (We recommend you to use **WPA2/PSK + AES**)

*Note: You will find more Information about the other Operating Mode's in the User Manual for ALL-WAPC0436AC. The User Manual is downloadable at [www.allnet.de/downloads.html](http://www.allnet.de/downloads.html)*

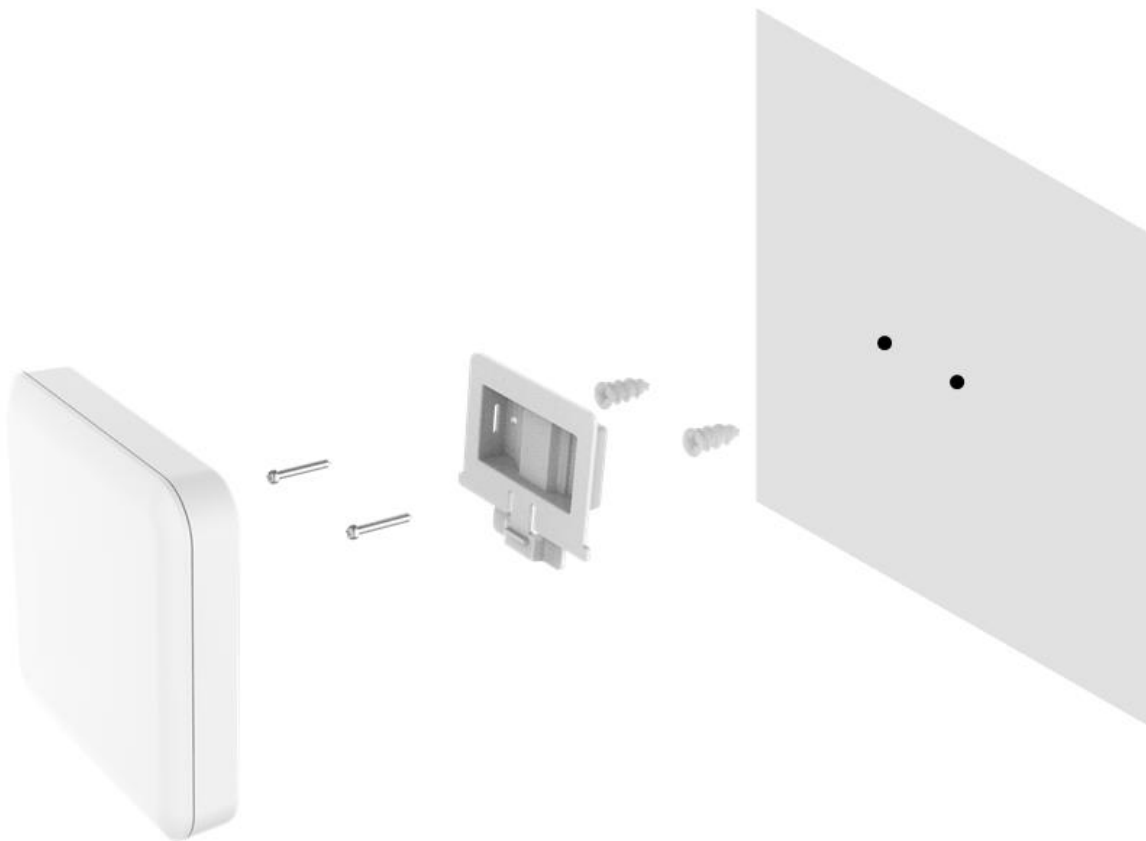
**Ceiling the ALL-WAPC0436AC**

- A) Slide the ceiling mount base into the slot of the Access Point..
- B) Hold the Access Point with one hand to reach the other hand over the T-Rail sides of the bracket. Then hook the stationary end of the ceiling mount bracket onto the rail.



**Wall Mounting the ALL-WAPC0436AC**

- C) Determine where the AccessPoint to be placed and mark location on the surface for the two mounting holes. Use the appropriate drill bit to drill two 8.1mm diameter and 26mm depth holes in the markings and hammer the bolts into the openings.
- D) Screw the anchors unto the holes until they are flush with the wall, screw the included screws into the anchors.
- E) Place the Access Point against the wall with the mounting screw heads.



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## Safety Warnings

For your safety, be sure to read and follow all warning notices and instructions.

- Do not open the device. Opening or removing the device cover can expose you to dangerous high voltage points or other risks. Only qualified service personnel can service the device. Please contact your vendor for further information.
- Do not use your device during a thunderstorm. There may be a risk of electric shock brought about by lightning.
- Do not expose your device to dust or corrosive liquids.
- Do not use this product near water sources.
- Make sure to connect the cables to the correct ports.
- Do not obstruct the ventilation slots on the device.

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