

# OAP1300

## Schnellinstallationsanleitung

03-2018 / v1.0

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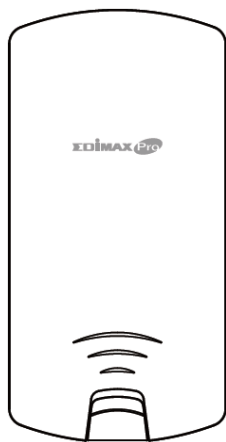
Live Tech Support: 1(800) 652-6776

Email: [support@edimax.com](mailto:support@edimax.com)

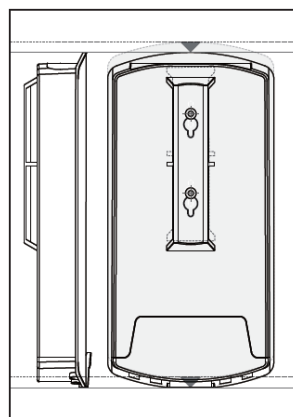
# I Produktinformationen

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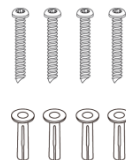
## I-1 Verpackungsinhalt



**1**



**2**



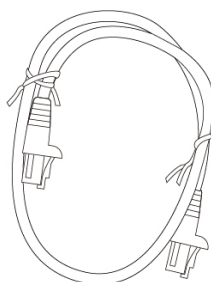
**3**



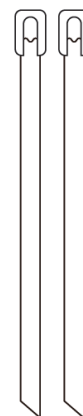
**4**



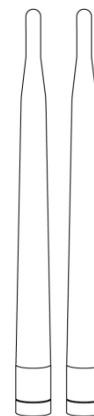
**5**



**6**



**7**



**8**

1. OAP1300 Access Point
2. Bohrvorlage für Wandbefestigung
3. Schraubensatz für Wandbefestigung
4. CD

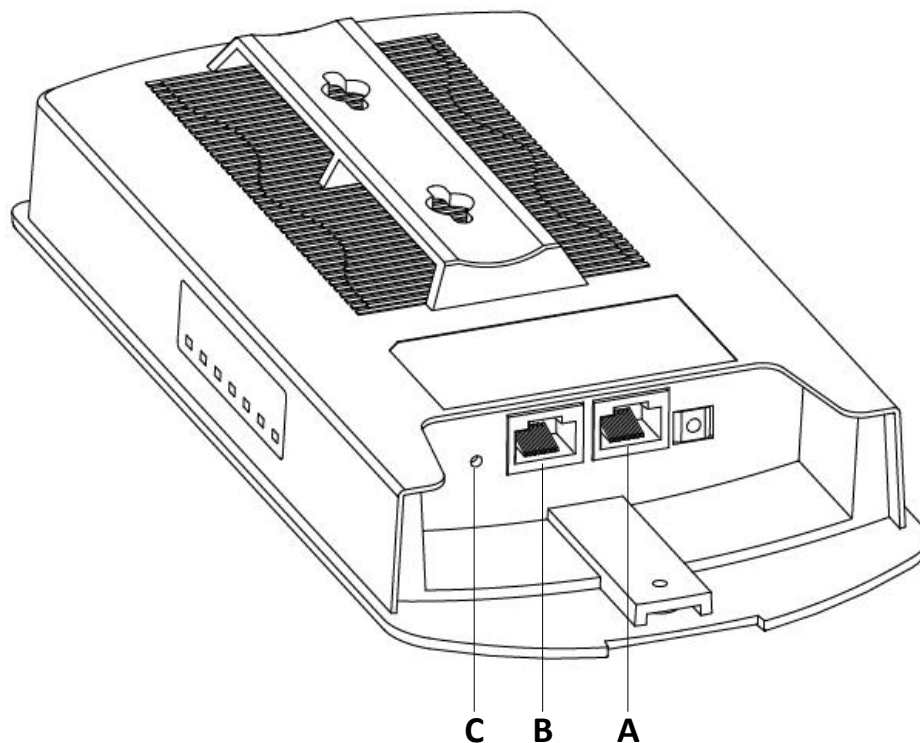
5. Schnellinstallationsanleitung
6. Ethernet-Kabel
7. Band für Mastmontage x2
8. Antenne x2

## I-2 Systemanforderungen

- Vorhandenes Kabel/DSL-Modem & Router
- Computer mit Web-Browser zur Access Point-Konfiguration

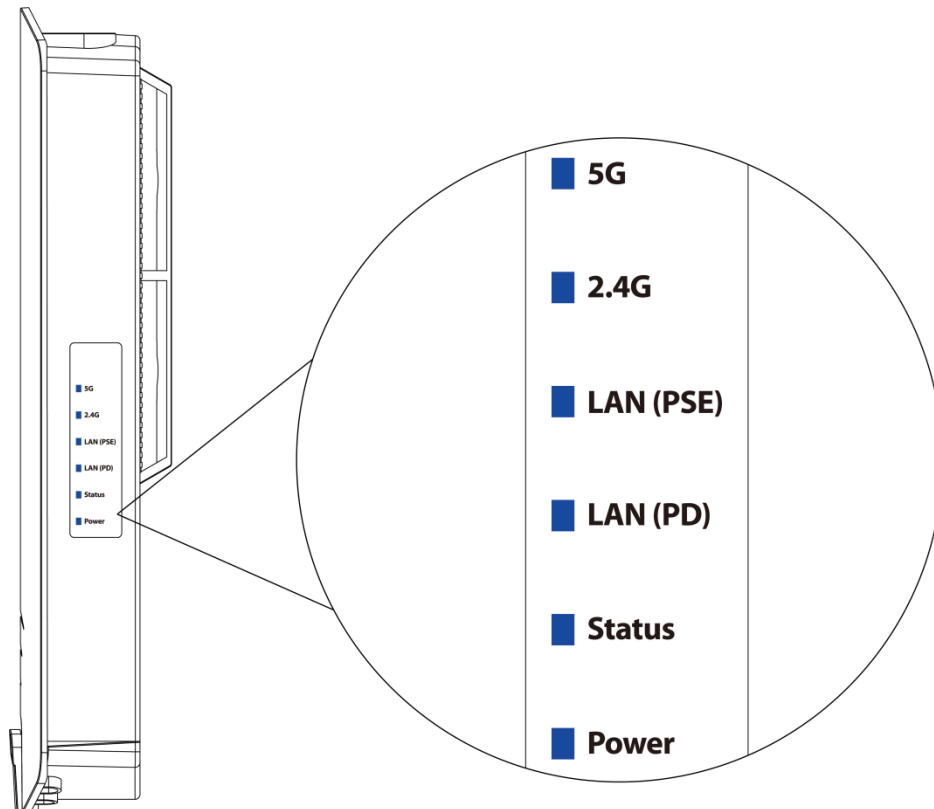
## I-3 Hardwareübersicht

### Ports und Tasten



<b>A</b>	LAN 1 POE-IN	LAN-Port mit Power over Ethernet (PoE) EIN
<b>B</b>	LAN 2 POE-OUT	LAN-Port mit Power over Ethernet (PoE) AUS
<b>C</b>	Reset	Rücksetztaste

## I-4 LED-Status



LED	LED-Status	Beschreibung
5G (WLAN)	An	Drahtlos aktiviert.
	Aus	Drahtlos deaktiviert.
2.4G (WLAN)	An	Drahtlos aktiviert.
	Aus	Drahtlos deaktiviert.
LAN (PSE)	An	LAN-Anschluss ist angeschlossen.
	Blinkend	Aktivität (Senden und Empfangen).
	Aus	LAN-Anschluss ist nicht angeschlossen.
LAN (PD)	An	LAN-Anschluss ist angeschlossen.
	Blinkend	Aktivität (Senden und Empfangen).
	Aus	LAN-Anschluss ist nicht angeschlossen.
Status	An	Access Point fährt hoch.
	Aus	Kein Fehler aufgetreten.
Power	An	Der Access Point ist an.
	Blinkend	Firmware wird aktualisiert.
	Aus	Der Access Point ist aus.

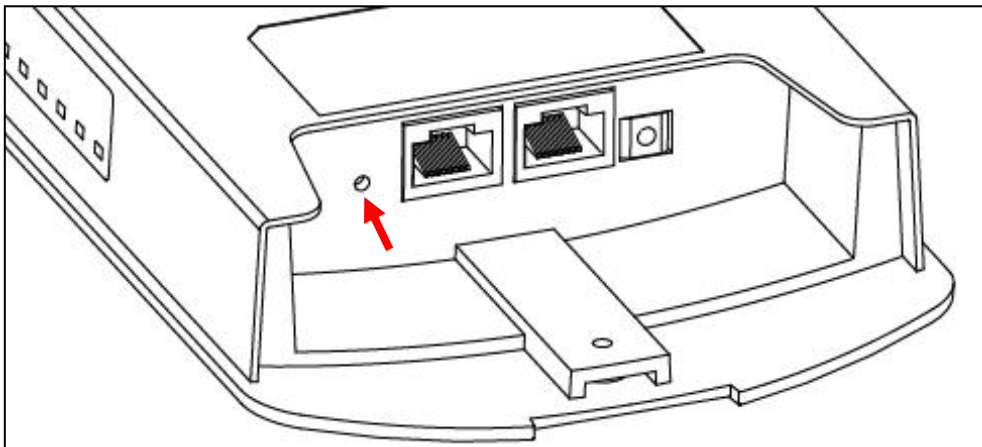
## I-5 Reset

Wenn Sie mit Ihrem Access Point auf Probleme stoßen, können Sie das Gerät auf die Werksstandardeinstellungen zurücksetzen. Damit werden alle Einstellungen auf die Standardwerte zurückgesetzt.

1. Halten Sie die Reset-Taste am Access Point mindestens 10 Sekunden lang gedrückt und lassen Sie sie dann los.



***Möglicherweise müssen Sie einen Stift oder ähnlichen spitzen Gegenstand benutzen, um die Reset-Taste zu drücken.***



2. Warten Sie, bis der Access Point neu gestartet wird. Der Access Point für das Setup ist bereit, wenn die LED **blau** leuchtet.

## II Schnellkonfiguration & Modusauswahl

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Das Gerät kann als eigenständiger Access Point (**AP-Modus**), als Verstärker (**Repeater-Modus**), als Teil eines AP-Arrays (**Managed AP-Modus**) oder als Brücke zu einem Client (**Client Bridge-Modus**) genutzt werden.

Folgen Sie den unten genannten Schritten für die Standardmodi und wählen Sie den gewünschten Betriebsmodus.

### II-1 Standardmodus: Access Point-Modus

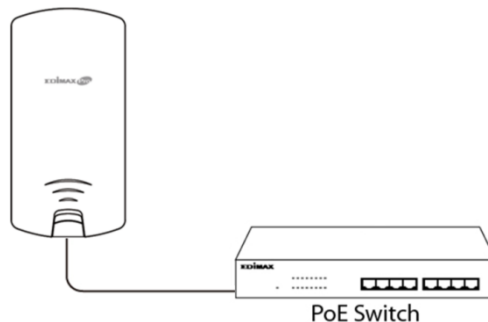
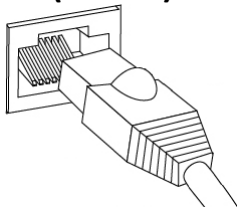
1. Legen Sie als IP-Adresse Ihres Computers **192.168.2.x** fest, wobei **x** eine Zahl im Bereich **3 – 100** ist. Wenn Sie unsicher sind, wie das geht, finden Sie im Anhänges-Abschnitt des Benutzerhandbuchs weitere Informationen.



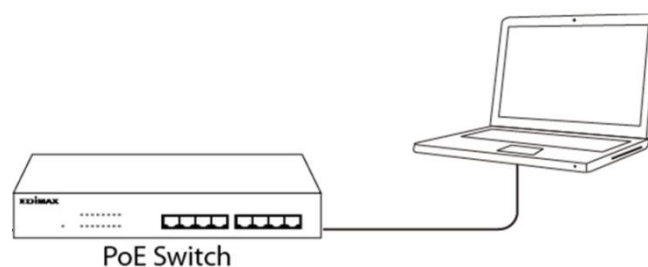
**Bitte stellen Sie sicher, dass es keine anderen aktiven Netzwerkverbindungen auf Ihrem Computer gibt, indem Sie WLAN und sonstige Ethernet-Verbindungen deaktivieren.**

2. Verbinden Sie ein Ethernet-Kabel mit dem Port **LAN 1 (PoE-In)** des Access Points und dem PoE-Switch, um den Access Point mit Strom zu versorgen.

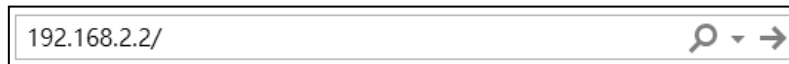
Port LAN 1 (PoE-In)



3. Warten Sie bitte einen Augenblick, bis das Gerät gestartet ist. Das Gerät ist bereit, wenn die Power LED weiterhin **blau** leuchtet.
4. Verbinden Sie einen Computer über ein Ethernet-Kabel mit dem Switch.

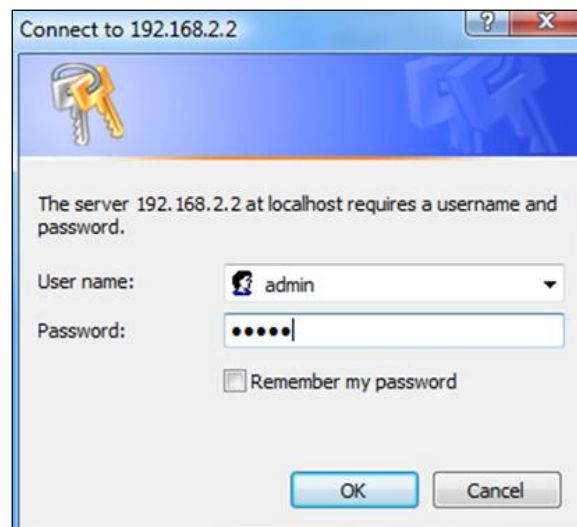


5. Geben Sie die Standard-IP-Adresse des Geräts 192.168.2.2 in die URL-Leiste eines Web-Browsers ein.



192.168.2.2/

6. Sie werden aufgefordert, einen Benutzernamen und ein Passwort einzugeben. Geben Sie den Standardbenutzernamen „**admin**“ und das Standardpasswort „**1234**“ ein.



Connect to 192.168.2.2

The server 192.168.2.2 at localhost requires a username and password.

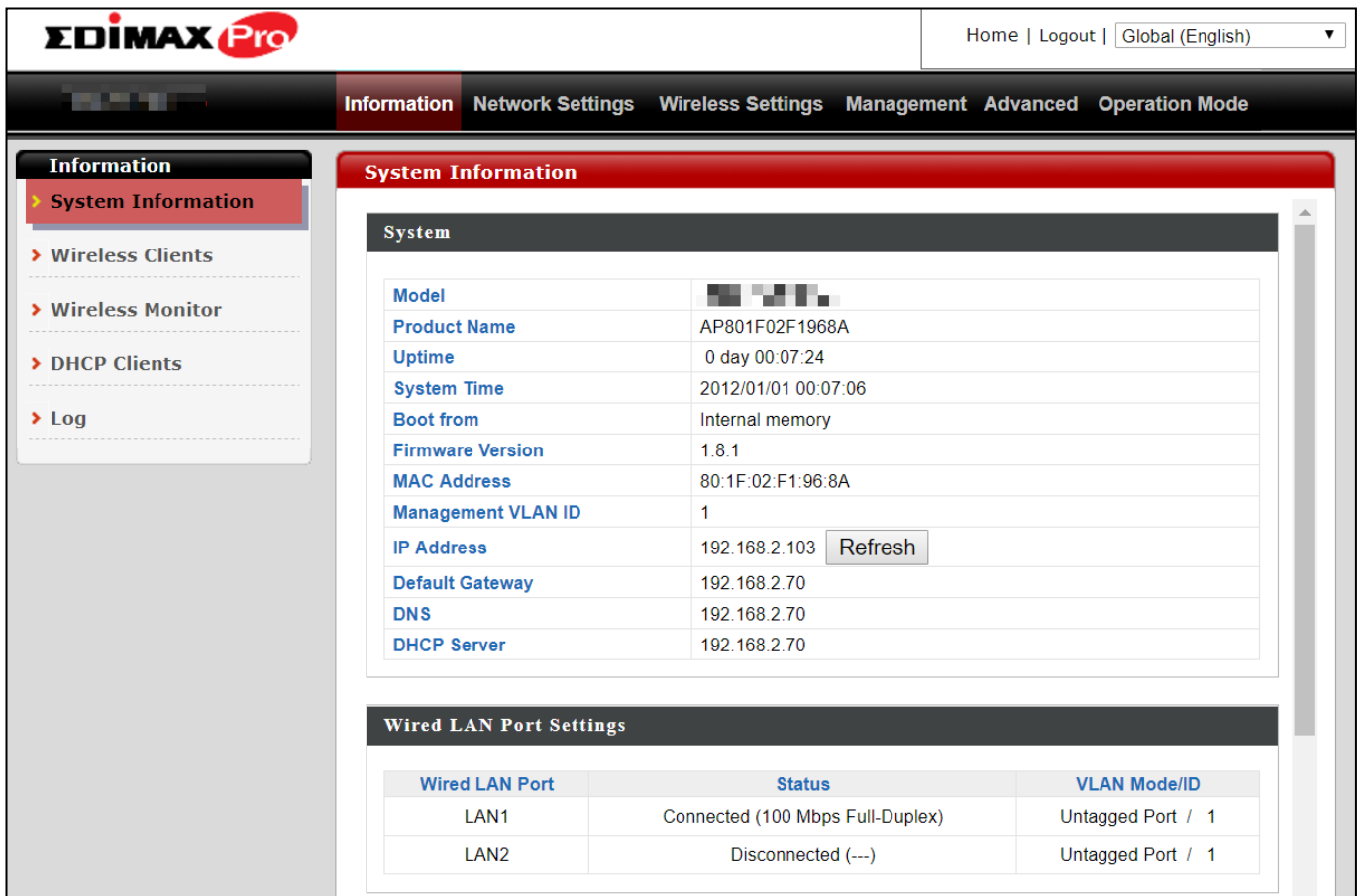
User name: admin

Password: .....

Remember my password

OK Cancel

## 7. Der Startbildschirm „Systeminformationen“ wird angezeigt:



The screenshot shows the EDIMAX Pro web interface. The top navigation bar includes "Home | Logout | Global (English)". The main menu has "Information", "Network Settings", "Wireless Settings", "Management", "Advanced", and "Operation Mode". The left sidebar lists "Information" with sub-items: "System Information", "Wireless Clients", "Wireless Monitor", "DHCP Clients", and "Log". The main content area is titled "System Information" and contains two sections:

**System**

Model	[REDACTED]
Product Name	AP801F02F1968A
Uptime	0 day 00:07:24
System Time	2012/01/01 00:07:06
Boot from	Internal memory
Firmware Version	1.8.1
MAC Address	80:1F:02:F1:96:8A
Management VLAN ID	1
IP Address	192.168.2.103 <input type="button" value="Refresh"/>
Default Gateway	192.168.2.70
DNS	192.168.2.70
DHCP Server	192.168.2.70

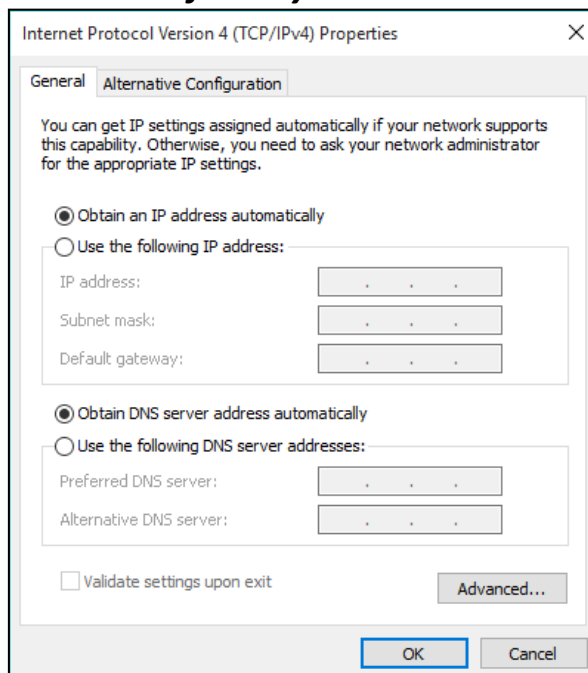
**Wired LAN Port Settings**

Wired LAN Port	Status	VLAN Mode/ID
LAN1	Connected (100 Mbps Full-Duplex)	Untagged Port / 1
LAN2	Disconnected (---)	Untagged Port / 1

## 8. Standardmäßig befindet sich das Gerät im AP-Modus.



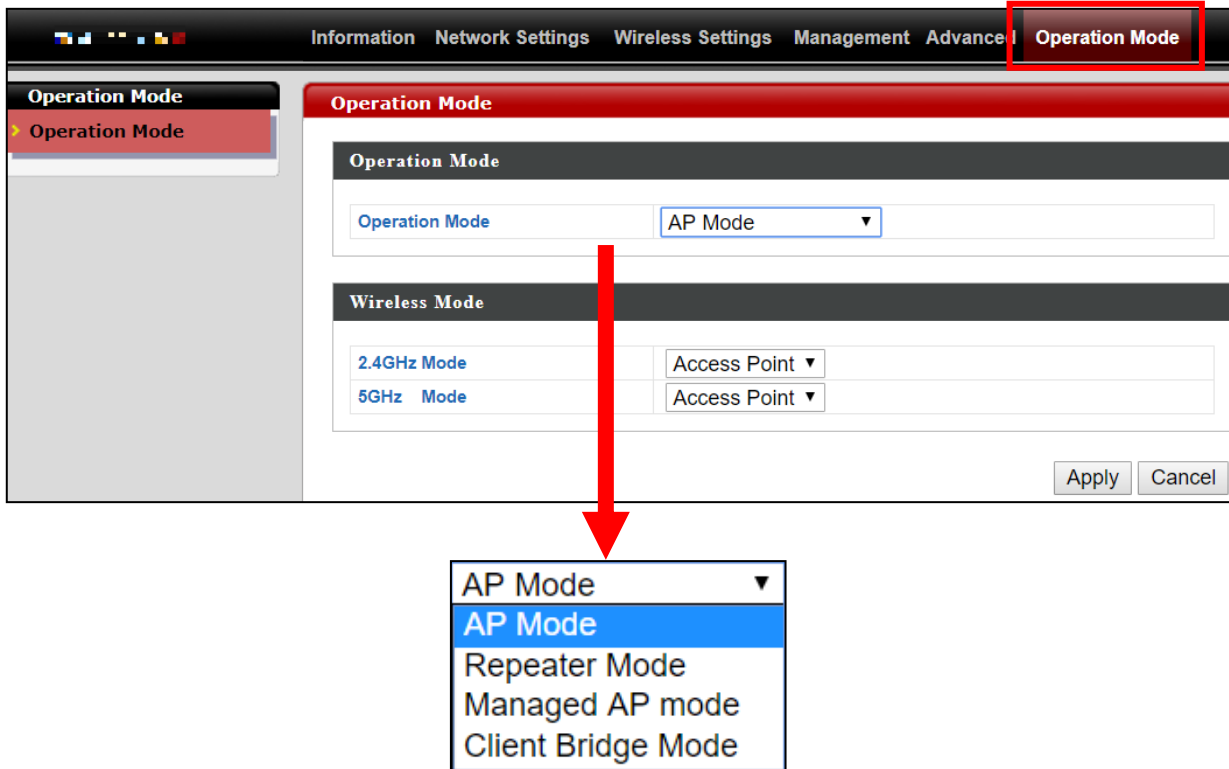
**Wenn Sie den Betriebsmodus nicht ändern möchten, stellen Sie Ihren Computer jetzt zurück auf die dynamische IP-Adresse.**



The screenshot shows the "Internet Protocol Version 4 (TCP/IPv4) Properties" dialog box. The "General" tab is selected. The text reads: "You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings." The "Obtain an IP address automatically" radio button is selected. Below it, the "Use the following IP address:" section has empty input fields for IP address, Subnet mask, and Default gateway. The "Obtain DNS server address automatically" radio button is also selected. Below it, the "Use the following DNS server addresses:" section has empty input fields for Preferred DNS server and Alternative DNS server. At the bottom, there is a checkbox for "Validate settings upon exit" and an "Advanced..." button. The "OK" and "Cancel" buttons are at the bottom right.



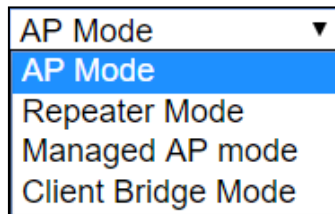
9. Wenn Sie zu einem anderen Betriebsmodus wechseln möchten, gehen Sie zur Registerkarte „Betriebsmodus“, um den gewünschten Betriebsmodus auszuwählen. Gehen Sie wie in den folgenden Abschnitten beschrieben vor, um den Betriebsmodus zu ändern.



## II-2 Repeater-Modus

Vom Standardmodus oben

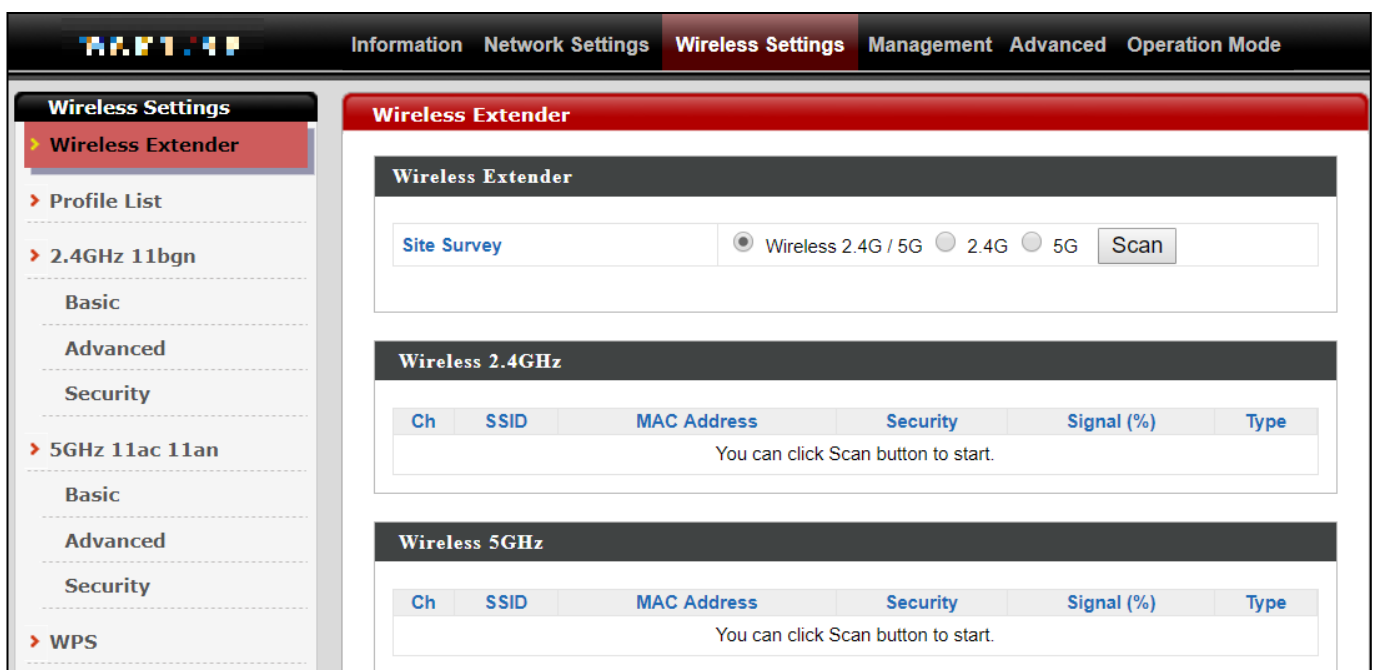
1. Wählen Sie aus dem Betriebsmodus-Dropdown-Menü den Repeater-Modus:



2. Klicken Sie auf „Übernehmen“ und warten Sie, bis das Gerät im Repeater-Modus neu startet:



3. Wenn die Systemseite erscheint, gehen Sie zu **Drahtloseinstellungen** → **Wireless Extender**.



4. Klicken Sie auf „Scannen“ um nach verfügbaren SSIDs zu suchen und diese anzuzeigen.

**Wireless Extender**

Site Survey  Wireless 2.4G / 5G  2.4G  5G

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**Wireless 2.4GHz ( 37 Accesspoints )**

Select	Ch	SSID	MAC Address	Security	Signal (%)	Type
<input type="radio"/>	1	edimax.setup	08:00:27:00:00:00	NONE	100	b/g/n
<input type="radio"/>	2	EdiPlug_Setup	08:00:27:00:00:00	NONE	94	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	100	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	28	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	56	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	92	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	92	b/g/n

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**Wireless 5GHz ( 29 Accesspoints )**

Select	Ch	SSID	MAC Address	Security	Signal (%)	Type
<input type="radio"/>	40		08:00:27:00:00:00	NONE	28	a/n
<input type="radio"/>	149	edimax.setup5G ce	08:00:27:00:00:00	NONE	36	ac
<input type="radio"/>	40	Edimax_Guest	08:00:27:00:00:00	WPA2PSK/AES	25	ac
<input type="radio"/>	40	EdimaxHQ	08:00:27:00:00:00	WPA2PSK/AES	36	ac
<input type="radio"/>	40	Edimax_Guest	08:00:27:00:00:00	WPA2PSK/AES	15	ac
<input type="radio"/>	40	EdimaxHQ	08:00:27:00:00:00	WPA2PSK/AES	15	ac

5. Klicken Sie auf das Kreissymbol, um die Verbindung zu einer verfügbaren Quell-SSID herzustellen. SSIDs können für jede Frequenz, 2,4GHz bzw. 5GHz, unabhängig konfiguriert werden.

**Wireless Create profile**

SSID:

Extended SSID:

Authentication Method:

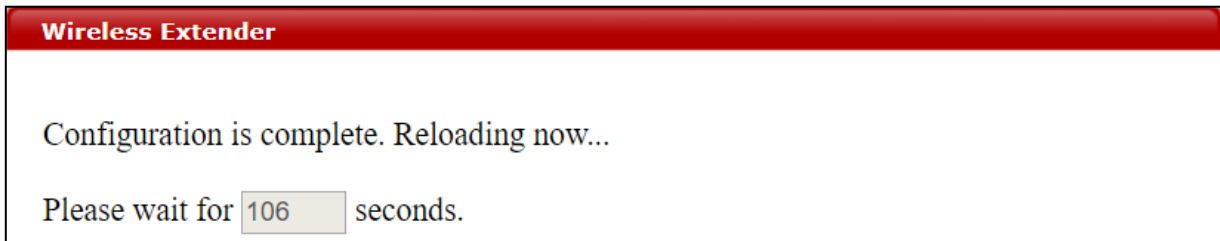
WPA Type:

Encryption Type:

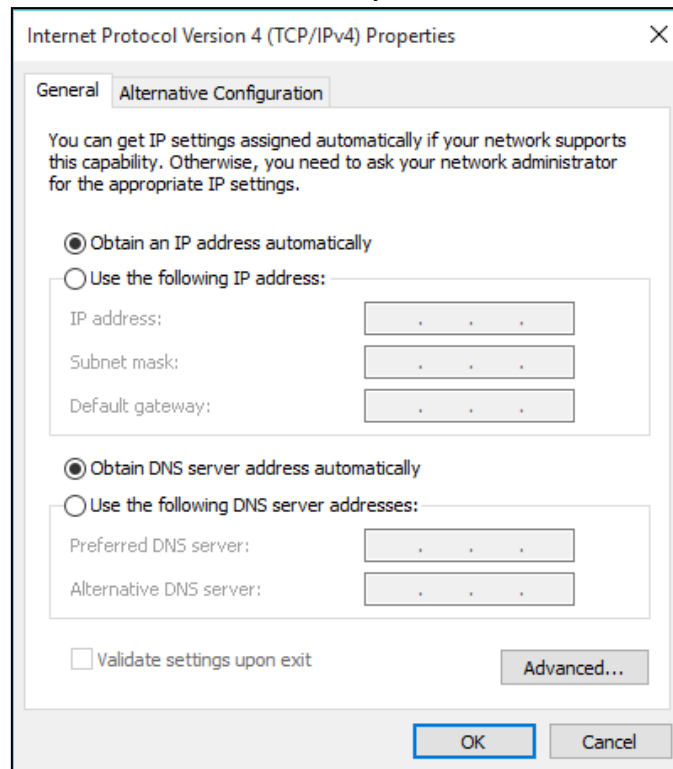
Pre-shared Key Type:

Pre-shared Key:

6. Bearbeiten Sie die neue erweiterte SSID nach Wunsch und geben Sie die Sicherheitsdetails für die Quell-SSID ein (z. B. Pre-shared Key). Klicken Sie auf „Verbinden“, um fortzufahren. Warten Sie, bis die Konfiguration wirksam geworden ist:



7. Das Gerät (jetzt im Repeater-Modus) stellt eine Verbindung zur Quell-SSID her und wiederholt die erweiterte SSID. Das Gerät wird zu einem DHCP-Client des Routers bzw. des Root-APs. Stellen Sie Ihren Computer wieder zurück auf die dynamische IP-Adresse.



8. Um auf die Web-Benutzerschnittstelle zuzugreifen, überprüfen Sie die Einstellungen Ihres Routers bzw. Root-APs, um die neue IP-Adresse des Geräts zu ermitteln. Geben Sie die neue IP-Adresse für die Web-Benutzerschnittstelle in den Browser ein.

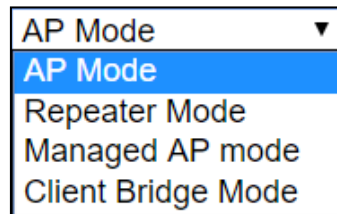


**Wenn Sie den Betriebsmodus wechseln möchten, setzen Sie das Gerät auf die Werkseinstellung zurück (über die Web-Benutzerschnittstelle oder ein Hardware-Reset).**

## II-3 Client Bridge-Modus

Vom Standardmodus oben

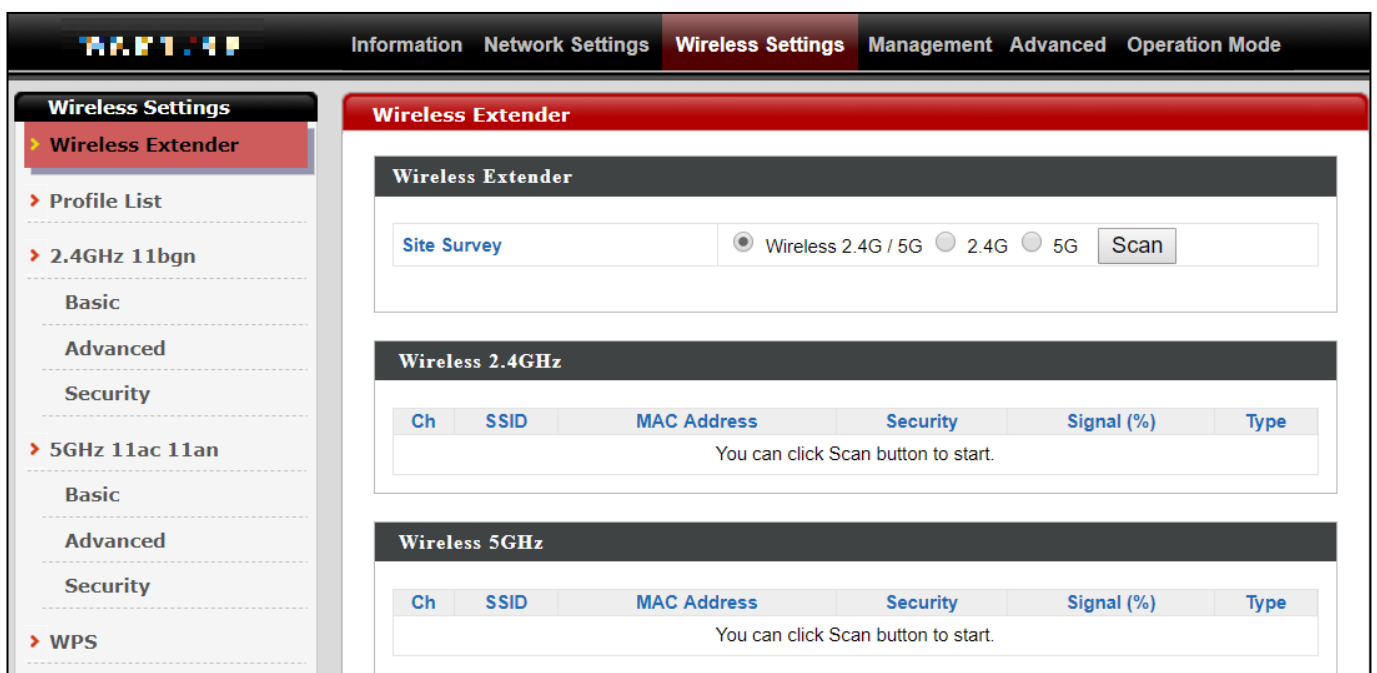
1. Wählen Sie aus dem Betriebsmodus-Dropdown-Menü den Client Bridge-Modus:



2. Klicken Sie auf „Übernehmen“ und warten Sie, bis das Gerät im Client Bridge-Modus neu startet:



3. Wenn die Systemseite erscheint, gehen Sie zu **Drahtloseinstellungen** → **Wireless Extender**.



4. Klicken Sie auf „Scannen“ um nach verfügbaren SSIDs zu suchen und diese anzuzeigen.

**Wireless Extender**

Site Survey  Wireless 2.4G / 5G  2.4G  5G

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**Wireless 2.4GHz ( 37 Accesspoints )**

Select	Ch	SSID	MAC Address	Security	Signal (%)	Type
<input type="radio"/>	1	edimax.setup	08:00:27:00:00:00	NONE	100	b/g/n
<input type="radio"/>	2	EdiPlug_Setup	08:00:27:00:00:00	NONE	94	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	100	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	28	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	56	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	92	b/g/n
<input type="radio"/>	6	Edimax_Guest_2.4G	08:00:27:00:00:00	WPA2PSK/AES	92	b/g/n

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**Wireless 5GHz ( 29 Accesspoints )**

Select	Ch	SSID	MAC Address	Security	Signal (%)	Type
<input type="radio"/>	40		08:00:27:00:00:00	NONE	28	a/n
<input type="radio"/>	149	edimax.setup5G ce	08:00:27:00:00:00	NONE	36	ac
<input type="radio"/>	40	Edimax_Guest	08:00:27:00:00:00	WPA2PSK/AES	25	ac
<input type="radio"/>	40	EdimaxHQ	08:00:27:00:00:00	WPA2PSK/AES	36	ac
<input type="radio"/>	40	Edimax_Guest	08:00:27:00:00:00	WPA2PSK/AES	15	ac
<input type="radio"/>	40	EdimaxHQ	08:00:27:00:00:00	WPA2PSK/AES	15	ac

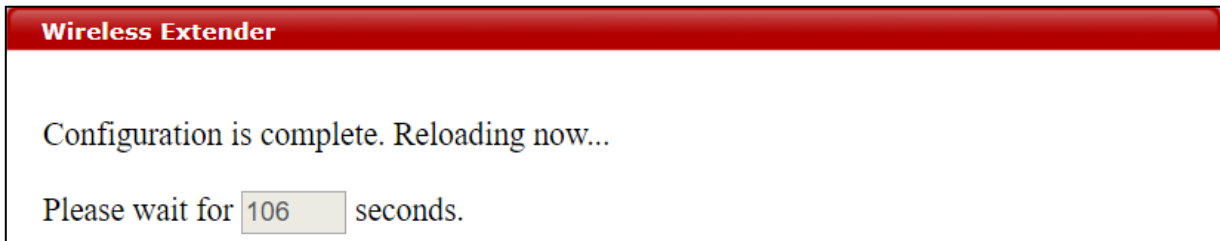
5. Klicken Sie auf das Kreissymbol, um die Verbindung zu einer verfügbaren Quell-SSID herzustellen. SSIDs können für jede Frequenz, 2,4GHz bzw. 5GHz, unabhängig konfiguriert werden.

**Wireless Create profile**

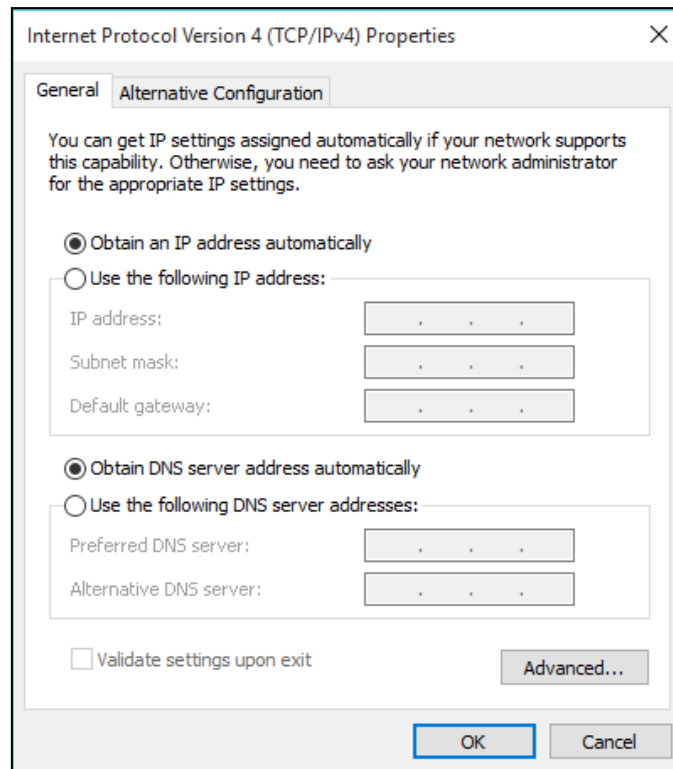
SSID	
Authentication Method	WPA-PSK ▼
WPA Type	WPA2 Only ▼
Encryption Type	AES ▼
Pre-shared Key Type	Passphrase ▼
Pre-shared Key	<input type="text"/>

6. Bearbeiten Sie sie nach Wunsch und geben Sie die Sicherheitsdetails für die Quell-SSID ein (z. B. Pre-shared Key). Klicken Sie auf „Verbinden“, um fortzufahren.

Warten Sie, bis die Konfiguration wirksam geworden ist:



7. Das Gerät (jetzt im Client Bridge-Modus) empfängt ein Drahtlossignal und stellt es über Ethernet-Kabel für Geräte bereit, die mit der Bridge verbunden sind. Das Gerät wird zu einem DHCP-Client des Routers bzw. des Root-APs. Stellen Sie Ihren Computer wieder zurück auf die dynamische IP-Adresse.



8. Um auf die Web-Benutzerschnittstelle zuzugreifen, überprüfen Sie die Einstellungen Ihres Routers bzw. Root-APs, um die neue IP-Adresse des Geräts zu ermitteln. Geben Sie die neue IP-Adresse für die Web-Benutzerschnittstelle in den Browser ein.



**Wenn Sie den Betriebsmodus wechseln möchten, setzen Sie das Gerät auf die Werkseinstellung zurück (über die Web-Benutzerschnittstelle oder ein Hardware-Reset).**

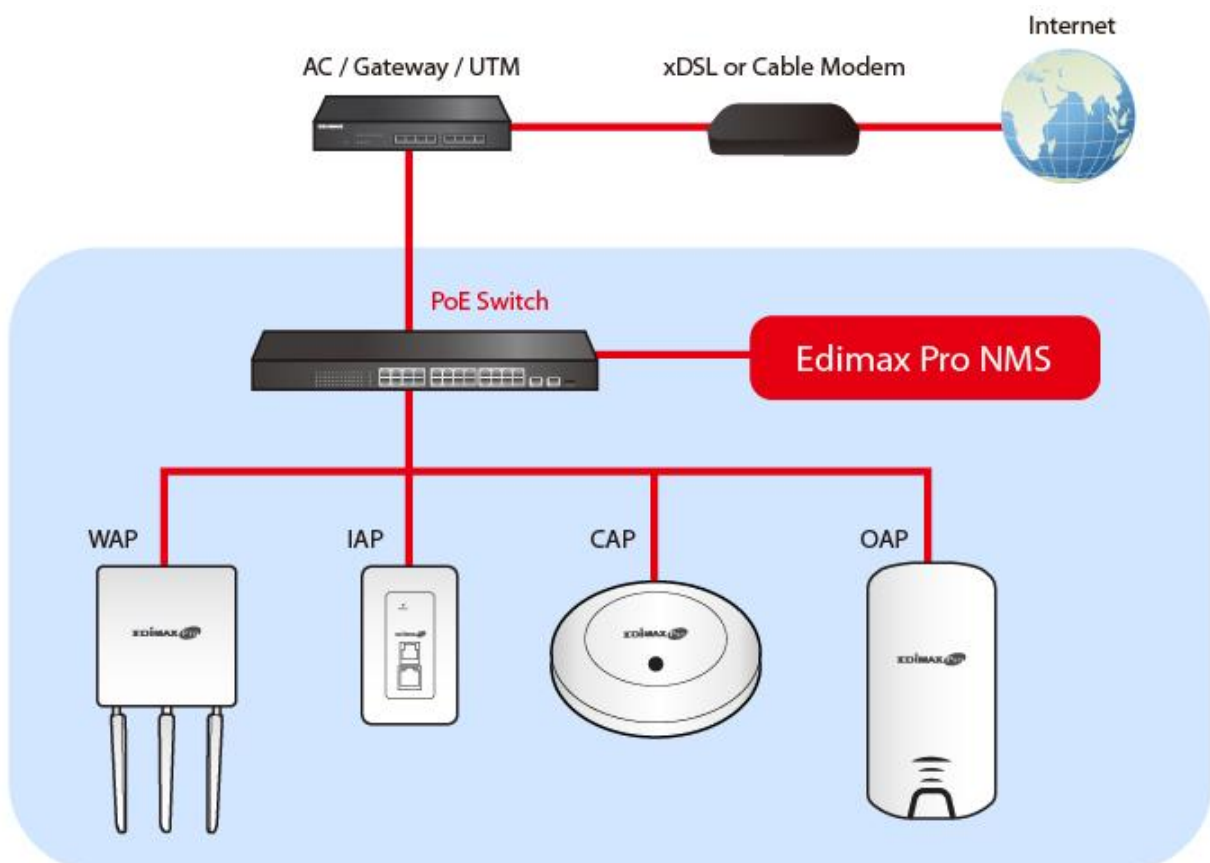
## II-4 Managed AP-Modus

### AP Controller

Die Edimax Pro Network Management Suite (NMS) unterstützt die zentrale Verwaltung einer Gruppe von Access Points, die auch als AP-Array bezeichnet wird.

Ein AP-Array wird von einem *AP Controller* verwaltet, der alle Managed APs überwachen, konfigurieren und verwalten kann.

Nachfolgend finden Sie eine Übersicht des Systems:



 **Standardmäßig schaltet der Access Point automatisch um, wenn ein AP Controller im Netzwerk vorhanden ist.**

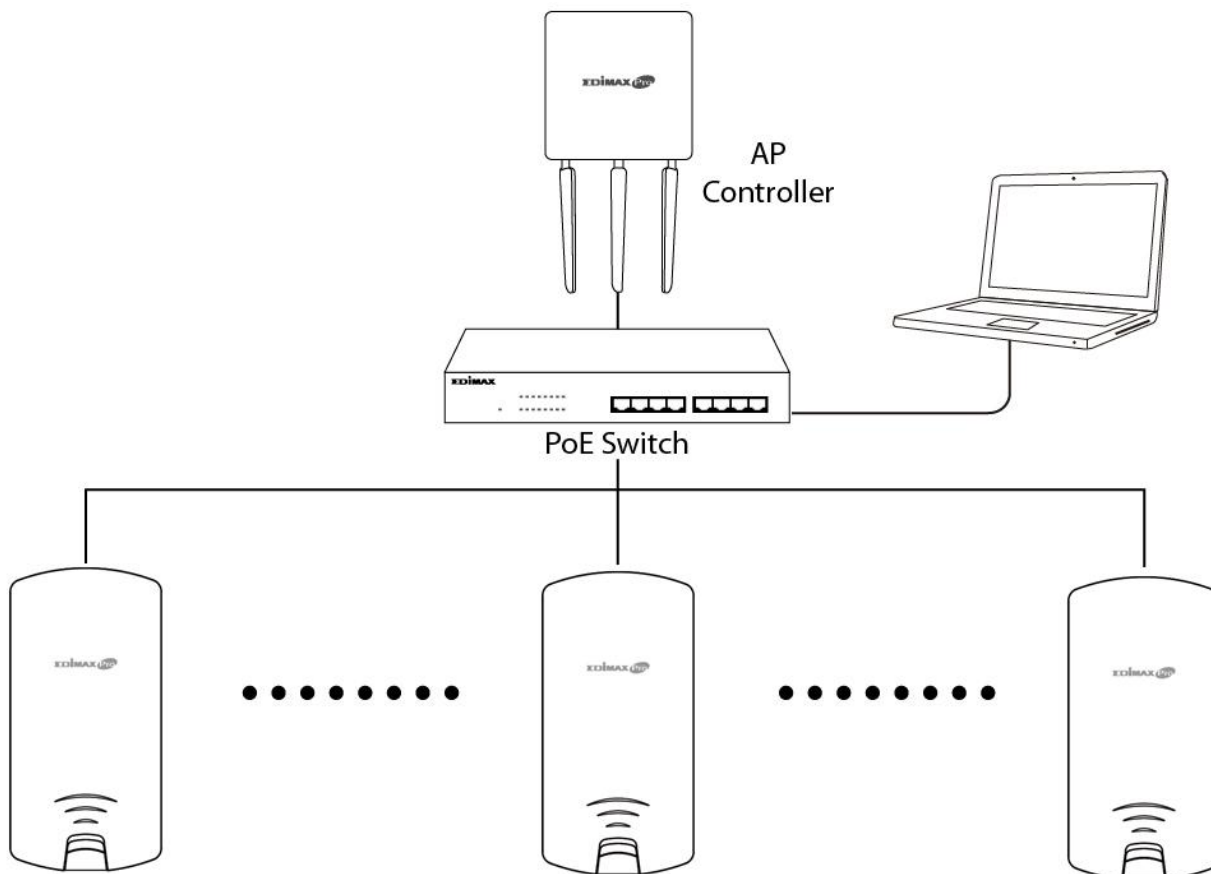


So wechseln Sie manuell zum „Managed AP-Modus“:

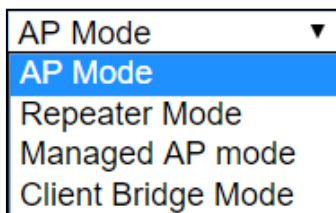


**Stellen Sie sicher, dass Sie für Ihre Edimax Pro-Produkte über die neueste Firmware von der Edimax-Website verfügen.**

1. Schließen Sie die APs an einen Ethernet- oder PoE-Switch an, der aktuell mit einem AP Controller verbunden ist.



2. Vom Standardmodus oben wählen Sie im Betriebsmodus-Dropdown-Menü die Option „Managed AP-Modus“.



3. Klicken Sie auf „Übernehmen“ und warten Sie, bis das Gerät im Managed AP-Modus neu startet:



Warten Sie einige Minuten, bis die Einstellungen synchronisiert sind.

## II-5 Grundlegende Einstellungen

Die grundlegenden Einstellungen des Access Points sind:

- **IP-Adresse LAN; und**
- **2,4GHz & 5GHz SSID & Sicherheit; und**
- **Administratorname & Passwort; und**
- **Zeit & Datum**



**Es wird empfohlen, diese Einstellungen zu konfigurieren, bevor Sie den Access Point nutzen.**

Immer wenn eine neue Einstellung auf den Access Point angewandt wird, lädt die Webseite neu, wie unten dargestellt:

Configuration is complete. Reloading now...

Please wait for 19 seconds.

Die Anweisungen unten helfen Ihnen bei der Konfiguration dieser Einstellungen:

### Änderung der IP-Adresse:

1. Gehen Sie zu „**Netzwerkeinstellungen**“ > „**LAN-seitige IP-Adresse**“ für den Bildschirm unten:

### LAN-side IP Address

LAN-side IP Address	
IP Address Assignment	DHCP Client ▾
IP Address	192.168.2.2
Subnet Mask	255.255.255.0
Default Gateway	From DHCP ▾ <input type="text"/>
Primary DNS Address	From DHCP ▾ <input type="text" value="0.0.0.0"/>
Secondary DNS Address	From DHCP ▾ <input type="text" value="0.0.0.0"/>

2. Geben Sie die Einstellungen für die IP-Adresse ein, die Sie für Ihren Access Point verwenden wollen. Sie können eine dynamische (DHCP) oder eine statische IP-Adresse verwenden, je nach Ihrer Netzwerkumgebung. Klicken Sie auf „Übernehmen“, um die Änderungen zu speichern, und warten Sie etwas, bis der Access Point neu geladen ist.



**Wenn Sie die IP-Adresse Ihres Access Points ändern, müssen Sie die neue IP-Adresse verwenden, um auf die Browser-basierte Konfigurationsoberfläche zugreifen zu können, nicht die Standard-IP 192.168.2.2.**

### Änderung der SSID für das 2,4GHz Drahtlosnetzwerk

1. Gehen Sie auf „Drahtloseinstellungen“ > „2,4GHz 11bgn“ > „Basic“.
2. Geben Sie die neue SSID für Ihr 2,4GHz Drahtlosnetzwerk in das Feld „SSID1“ ein und klicken Sie auf „Übernehmen“.

Zur Verwendung von mehreren 2,4GHz SSIDs öffnen Sie das Dropdown-Menü namens



„SSID-Nummer aktivieren“ und wählen Sie die benötigte Anzahl an SSIDs. **Geben Sie dann eine neue SSID in die entsprechenden nummerierten Felder ein, bevor Sie auf „Übernehmen“ klicken.**

Enable SSID number	2 ▼
SSID1	<input type="text"/> VLAN ID 1
SSID2	<input type="text"/> VLAN ID 1

## Konfiguration Sicherheitseinstellungen des 2,4GHz Drahtlosnetzwerks

1. Gehen Sie auf „**Drahtloseinstellungen**“ > „**2,4GHz 11bgn**“ > „**Security**“ [Sicherheit].
2. Wählen Sie ein „Authentifizierungsverfahren“ aus, füllen Sie die entsprechenden Felder aus oder wählen Sie diese aus und klicken Sie auf „Apply“ [Übernehmen].

Information Network Settings **Wireless Settings** Management Advanced Operation Mode

**Wireless Settings**

- > 2.4GHz 11bgn
  - Basic
  - Advanced
  - Security**
  - WDS
  - Guest Network
- > 5GHz 11ac 11an
  - Basic
  - Advanced
  - Security
  - WDS
  - Guest Network
- > WPS
- > RADIUS
  - RADIUS Settings
  - Internal Server

**Security**

**2.4GHz Wireless Security Settings**

SSID	[Redacted]
Broadcast SSID	Enable ▾
Wireless Client Isolation	Disable ▾
802.11k	Disable ▾
Load Balancing	50 /50
<b>Authentication Method</b>	No Authentication ▾
Additional Authentication	No additional authentication ▾

**2.4GHz Wireless Advanced Settings**

Smart Handover Settings

Smart Handover	<input type="radio"/> Enable <input checked="" type="radio"/> Disable
RSSI Threshold	-80 ▾ dB

Apply Cancel



**Bei Verwendung mehrerer SSIDs geben Sie über das Dropdown-Menü „SSID“ an, welche SSID konfiguriert werden soll.**

**2.4GHz Wireless Security Settings**

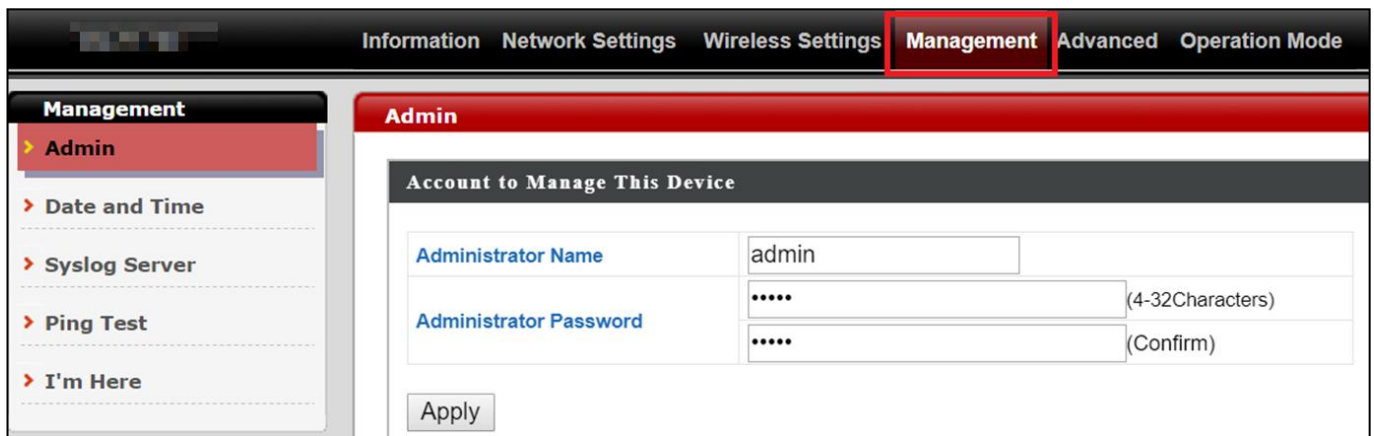
SSID	[Redacted] ▾
Broadcast SSID	[Redacted]
Wireless Client Isolation	Disable ▾
802.11k	Disable ▾
Load Balancing	50 /50
Authentication Method	No Authentication ▾
Additional Authentication	No additional authentication ▾

## Änderung der SSID und Konfiguration der Sicherheitseinstellung für das 5GHz Drahtlosnetzwerk

Führen Sie die in „Änderung der SSID für 2,4GHz Drahtlosnetzwerke“ und „Konfiguration der Sicherheitseinstellung für 2,4 GHz Drahtlosnetzwerke“ dargelegten Schritte aus, wählen Sie dabei stattdessen allerdings die Option 5GHz.

## Änderung des Admin-Namens und -Passworts

1. Gehen Sie auf „**Management**“ > „**Admin**“ wie unten dargestellt:



The screenshot shows a web-based management interface. At the top, there is a navigation bar with tabs: Information, Network Settings, Wireless Settings, Management (highlighted with a red box), Advanced, and Operation Mode. On the left side, there is a sidebar menu under the heading 'Management' with options: Admin (highlighted with a red bar), Date and Time, Syslog Server, Ping Test, and I'm Here. The main content area is titled 'Admin' and contains a section 'Account to Manage This Device'. This section has two input fields: 'Administrator Name' with the value 'admin' and 'Administrator Password' with masked characters. The password field has a note '(4-32Characters)' and a 'Confirm' label. Below the fields is an 'Apply' button.

2. Füllen Sie die Felder „Administratorname“ und „Administratorpasswort“ aus und klicken Sie auf „Übernehmen“.

## Änderung von Datum und Uhrzeit

1. Gehen Sie auf „Management“ > „Datum und Uhrzeit“.

The screenshot shows the 'Date and Time' configuration page. The top navigation bar includes 'Information', 'Network Settings', 'Wireless Settings', 'Management' (highlighted), 'Advanced', and 'Operation Mode'. The left sidebar shows 'Management' with sub-items: 'Admin', 'Date and Time' (highlighted), 'Syslog Server', 'Ping Test', and 'I'm Here'. The main content area is titled 'Date and Time' and contains three sections: 'Date and Time Settings', 'NTP Time Server', and 'Time Zone'.  
- 'Date and Time Settings': Includes 'Local Time' with dropdowns for Year (2012), Month (Jan), Day (1), Hours (0), Minutes (00), and Seconds (00). A button 'Acquire Current Time from Your PC' is present.  
- 'NTP Time Server': Includes 'Use NTP' (checkbox, disabled), 'Auto Daylight Saving' (checkbox, checked), 'Server Name' (dropdown set to 'User-Defined' and a text input field), and 'Update Interval' (input field set to 24, labeled '(Hours)').  
- 'Time Zone': Includes a dropdown menu for 'Time Zone' set to '(GMT+08:00) Taipei, Taiwan'.  
At the bottom right, there are 'Apply' and 'Cancel' buttons.

2. Stellen Sie über die Dropdown-Menüs die korrekte Uhrzeit und Zeitzone für Ihren Access Point ein. Der Access Point unterstützt auch NTP (Network Time Protocol), so dass Sie alternativ auch den Hostnamen oder die IP-Adresse von einem Zeit-Server eingeben können. Klicken Sie auf "Übernehmen", wenn Sie fertig sind.

 **Sie können die Schaltfläche „Aktuelle Zeit von Ihrem PC abrufen“ verwenden, wenn Sie den Access Point auf die gleiche Zeit wie Ihren PC einstellen wollen.**

Die Grundeinstellungen Ihres Access Point sind jetzt konfiguriert. Bitte beziehen Sie sich auf **III Hardwareinstallation** für Anweisungen dazu, wie Sie Ihren Access Point mit einem Router oder PoE-Switch verbinden.

## II-6 Wi-Fi-geschützte Einrichtung (WPS)

Wi-Fi-geschützte Einrichtung (WPS) ist eine einfache Methode, um Verbindungen zwischen WPS-fähigen Geräten herzustellen. Sie können die WPS-Taste oder die Konfigurations-Webseite verwenden, um die WPS-Funktion des Access Points zu aktivieren.

1. Gehen Sie auf „**Drahtloseinstellungen**“ > „**WPS**“ auf Ihrer Konfigurations-Webseite.
2. Kreuzen Sie das Auswahlkästchen „Aktivieren“ an und klicken Sie auf „Übernehmen“.

The screenshot shows a web interface for WPS configuration. At the top, there is a red header with the text "WPS". Below this, there is a section with a "WPS" label and a checked checkbox labeled "Enable". An "Apply" button is located below this section. The main content area is divided into two sections: "WPS" and "WPS Security". The "WPS" section contains three rows: "Product PIN" with the value "01977608" and a "Generate PIN" button; "Push-button WPS" with a "Start" button; and "WPS by PIN" with an empty input field and a "Start" button. The "WPS Security" section contains a "WPS Status" label, the text "Not Configured", and a "Release" button.

3. Klicken Sie in der Zeile „Push-button WPS“ auf „Start“, um für ca. 2 Minuten auf dem AP die WPS-Funktion zu aktivieren. (Für weitere Informationen zu „WPS by PIN“ beziehen Sie sich bitte auf das Benutzerhandbuch.)
4. Aktivieren Sie innerhalb von zwei Minuten WPS auf dem WPS-fähigen Drahtlosgerät. Informationen über die WPS-Funktion finden Sie in der Dokumentation zu Ihrem Drahtlosgerät.
5. Die Geräte stellen eine Verbindung her.



### **III Hardwareinstallation**

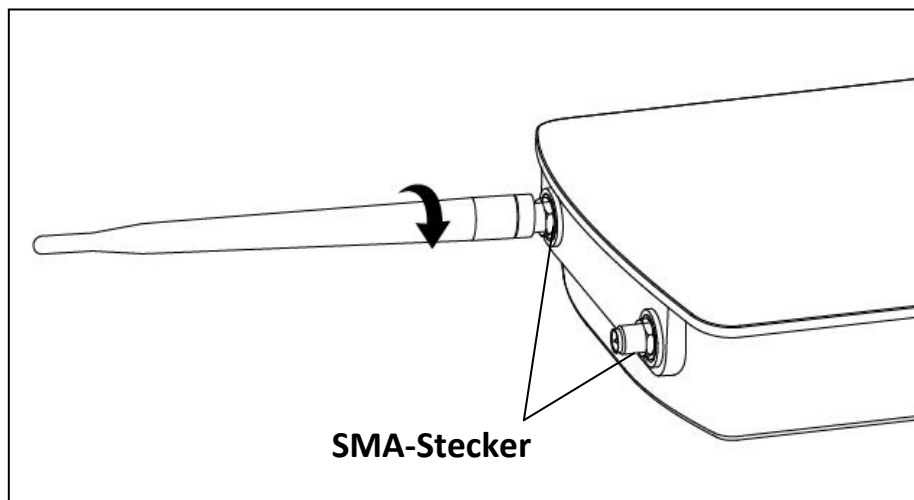
---

Nachdem Sie das obige Einrichtungsverfahren abgeschlossen haben, können Sie den Access Point an dem gewünschten Ort aufstellen.

#### **III-1 Antenne**

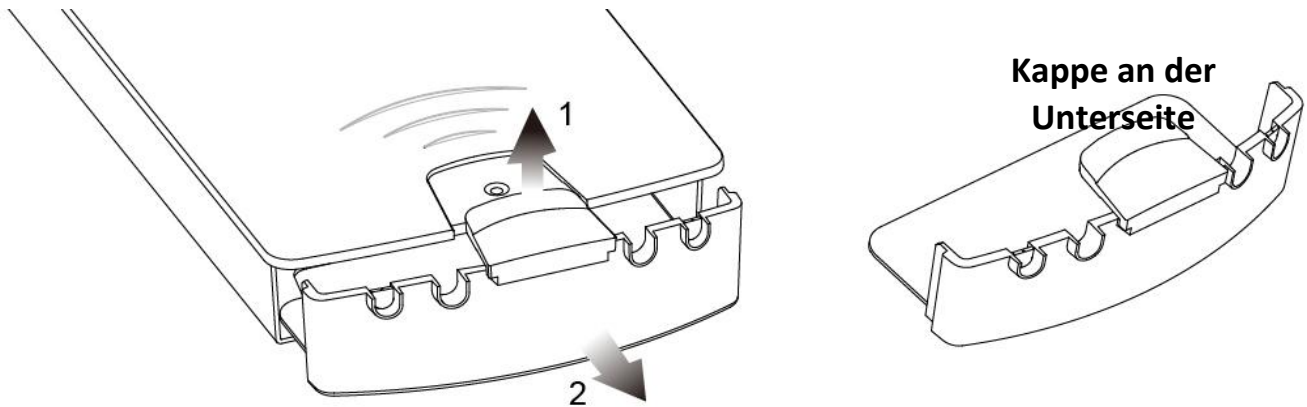
Die Antennen müssen an den Access Point geschraubt werden.

Schrauben Sie beide Antennen wie gezeigt im Uhrzeigersinn auf die SMA-Stecker:



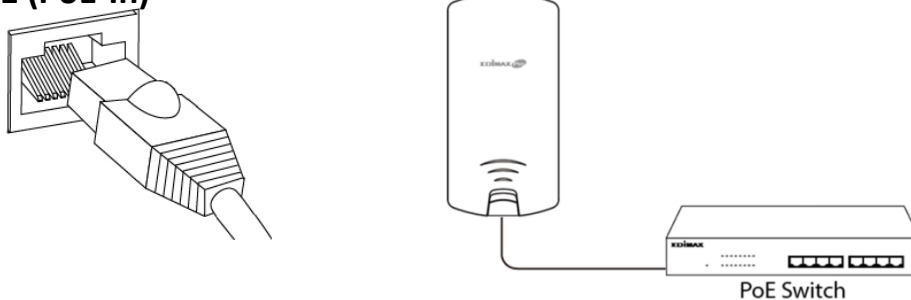
## III-2 Betrieb des Access Points im Freien

1. Entfernen Sie die Kappe von der Unterseite des Access Points, indem Sie 1) den Haken nach oben ziehen und 2) die Kappe nach unten ziehen, wie unten gezeigt:

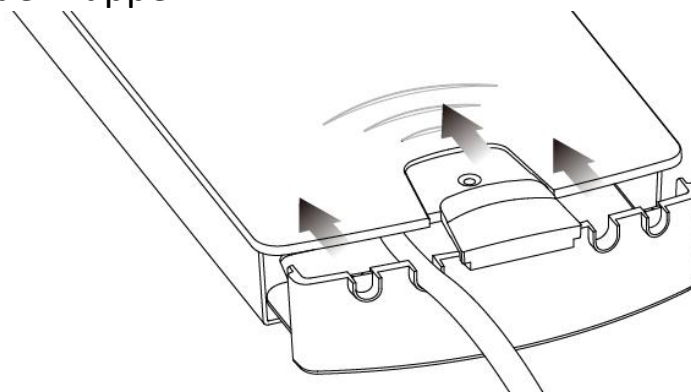


2. Verbinden Sie ein Ethernet-Kabel mit dem Port **LAN 1 (PoE-In)** des Access Points und dem PoE-Switch, um den Access Point mit Strom zu versorgen.

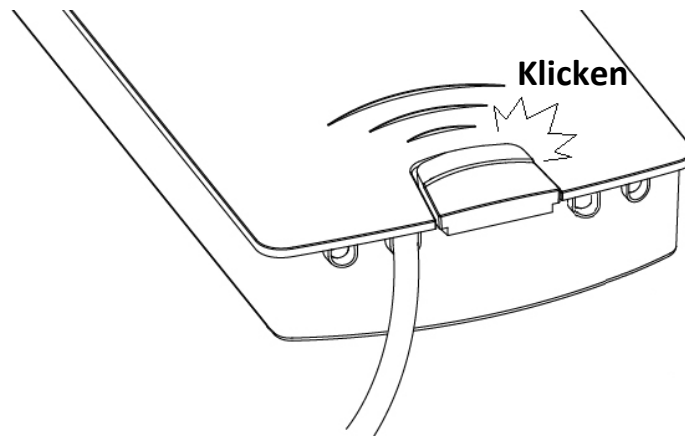
Port LAN 1 (PoE-In)



3. Der Access Point wird durch den PoE-Switch betrieben. Schließen Sie eventuell ein weiteres Ethernet-Kabel an **LAN 2** an.
4. Setzen Sie die Kappe wieder auf und verstauen Sie das bzw. die Kabel in den Bögen der Kappe.



- 5.** Lassen Sie den Haken am Access Point einrasten und vergewissern Sie sich, dass er sich nicht einfach lösen kann. Die Kappe dient als Regenschutz für den Einsatz im Freien.

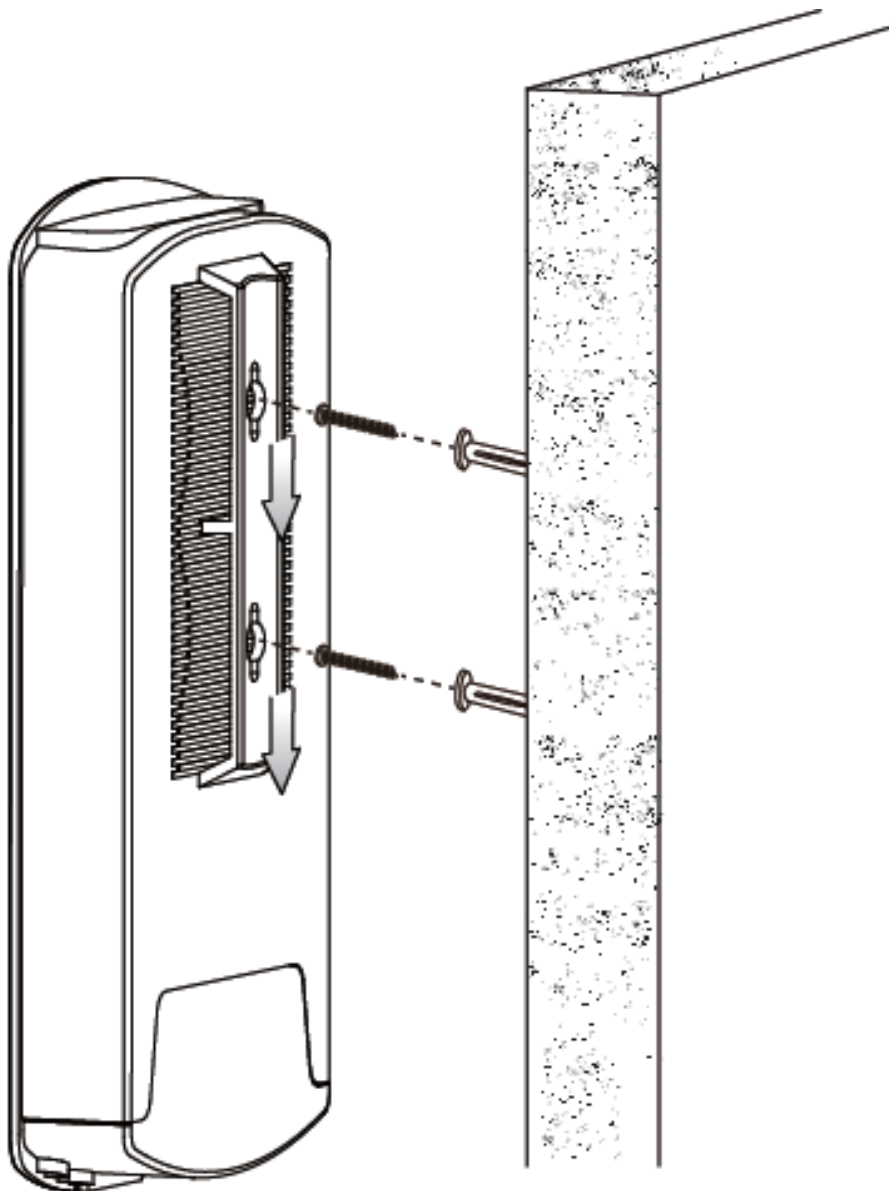


### III-3 Befestigung

Nachdem Sie den Access Point hochgefahren haben, befestigen Sie ihn gemäß den gewünschten Montageoptionen: **Wand-** oder **Mastmontage**

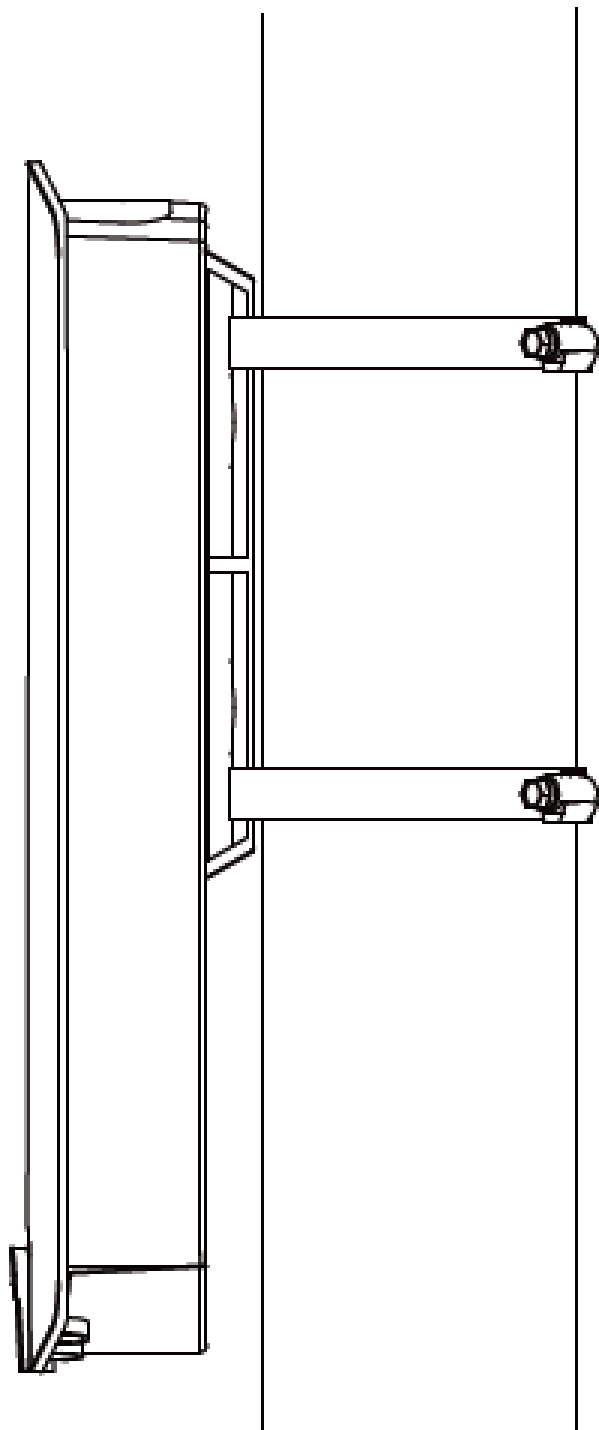
#### Wandmontage

Befestigen Sie die Halterung und den Access Point mit der mitgelieferten Schablone und den Schraubensätzen für die Wandmontage an einer Wand.



## Mastmontage

Befestigen Sie die Halterung und den Access Point mit den mitgelieferten Bändern für die Montage an einem Mast.



**Professional installation warning:**

This device is point-to-multi-point device. The general user should not attempt to install or change settings, it needs to be installed by a qualified personal who has RF exposure and related rule knowledge or technology.

The installation position and output power does not exceed the limit set forth in US Rule CFR 47 part 15 section 15.247 & 15.407. If violate the rule, could lead to serious federal penalty.

It is complies with §15.407 (a)(1)(i) requirement that the maximum e.i.r.p. at any elevation angle above 30 degrees as measured from the horizon must not exceed 125 mW (21 dBm).

About TDWR 5600-5650 MHz, installation and operation should with a minimum distance of 20 centimeters between the radiator and your body or nearby persons.

Use two type antenna specifications. One type antenna model name is 98623PRX000, antenna type is dipole antenna with peak gain 4.58dBi for 2.4GHz; 6.18dBi for 5150-5250MHz; 6.22dBi for 5250-5350MHz; 6.12dBi for 5470-5725MHz; 6.05dBi for 5725-5850MHz. Other type antenna model name is C095-510399-A, antenna type is dipole antenna with peak gain 3dBi for 2.4GHz; 4dBi for 5150-5850MHz. Only use manufacturer approved antenna type of antenna.

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## Federal Communication Commission Interference Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

1. Reorient or relocate the receiving antenna.
2. Increase the separation between the equipment and receiver.
3. Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
4. Consult the dealer or an experienced radio technician for help.

### FCC Caution

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

### FCC Radiation Exposure Statement:

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body or nearby persons.

### RED Compliance Statement

#### Compliance with 2014/53/EU Radio Equipment Directive (RED)

In accordance with Article 10.8(a) and 10.8(b) of the RED, the following table provides information on the frequency bands used and the maximum RF transmit power of the product for sale in the EU:

Frequency range (MHz)	Max. Transmit Power (dBm)
2412-2472	19.66 dBm
5500-5700	27.73 dBm

A simplified DoC shall be provided as follows: Article 10(9)

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type **AC1300 Outdoor AP** is in compliance with Directive 2014/53/EU

The full text of the EU declaration of conformity is available at the following internet address: <http://www.edimax.com/edimax/global/>

### Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this and of the computer manufacture must therefore be allowed at all times to ensure the safe use of the equipment.

### EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Bulgaria, Cyprus, Czech, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden, Turkey, and United Kingdom. The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.



## EU Countries Not Intended for Use

None

## EU Declaration of Conformity

- English:** This equipment is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU, 2014/35/EU.
- Français:** Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 2014/53/EU, 2014/35/EU.
- Čeština:** Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 2014/53/EU, 2014/35/EU.
- Polski:** Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 2014/53/EU, 2014/35/EU.
- Română:** Acest echipament este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/53/UE, 2014/35/UE.
- Русский:** Это оборудование соответствует основным требованиям и положениям Директивы 2014/53/EU, 2014/35/EU.
- Magyar:** Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (2014/53/EU, 2014/35/EU).
- Türkçe:** Bu cihaz 2014/53/EU, 2014/35/EU direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.
- Українська:** Обладнання відповідає вимогам і умовам директиви 2014/53/EU, 2014/35/EU.
- Slovenčina:** Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 2014/53/EU, 2014/35/EU.
- Deutsch:** Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 2014/53/EU, 2014/35/EU.
- Español:** El presente equipo cumple los requisitos esenciales de la Directiva 2014/53/EU, 2014/35/EU.
- Italiano:** Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 2014/53/EU, 2014/35/UE.
- Nederlands:** Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 2014/53/EU, 2014/35/EU.
- Português:** Este equipamento cumpre os requisitos essenciais da Directiva 2014/53/EU, 2014/35/EU.
- Norsk:** Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 2014/53/EU, 2014/35/EU.
- Svenska:** Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 2014/53/EU, 2014/35/EU.
- Dansk:** Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 2014/53/EU, 2014/35/EU.
- suomen kieli:** Tämä laite täyttää direktiivien 2014/53/EU, 2014/35/EU. oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN 



## WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

## Declaration of Conformity

We, Edimax Technology Co., Ltd., declare under our sole responsibility, that the equipment described below complies with the requirements of the European Radio Equipment directives.

**Equipment: AC1300 Outdoor AP**  
**Model No.: OAP1300**

The following European standards for essential requirements have been followed:

### Directives 2014/53/EU

Spectrum : EN 300 328 V2.1.1 (2016-11)  
EN 301 893 V2.1.1 (2017-05)  
EMC : EN 301 489-1 V2.1.1 (2017-02)  
EN 301 489-17 V3.2.0 (2017-03)  
EN 55032: 2012 / AC:2013  
EN 55024: 2010  
EMF : EN 62311:2008

### Directives 2014/35/EU

Safety (LVD) : IEC 60950-1:2005 (2<sup>nd</sup> Edition)+Am 1:2009+Am 2:2013  
EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

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### Signature:

Printed Name: Vivian Ma  
Title: Director

Date of Signature: March, 2018

Signature: \_\_\_\_\_

Printed Name: \_\_\_\_\_

Title: \_\_\_\_\_

Albert Chang

Director

Edimax Technology Co., Ltd.



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- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
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