EDIMAX
NETWORKING PEOPLE TOGETHER

CAP1750

Quick Installation Guide

11-2015 / v1.0

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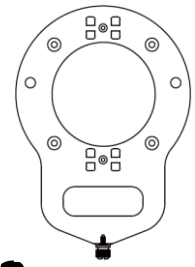
I. Productinformatie

I-1. Inhoud van de verpakking

1



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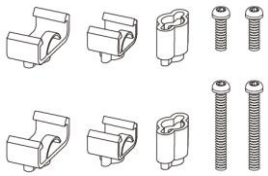

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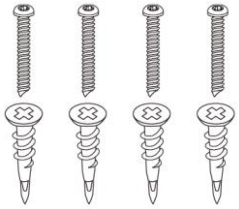

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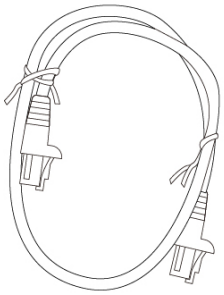

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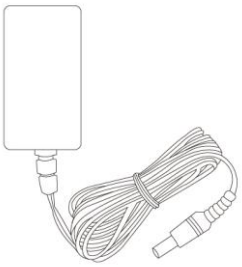

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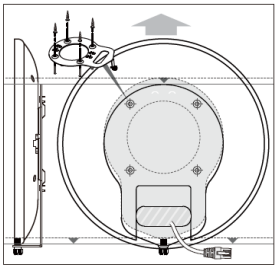


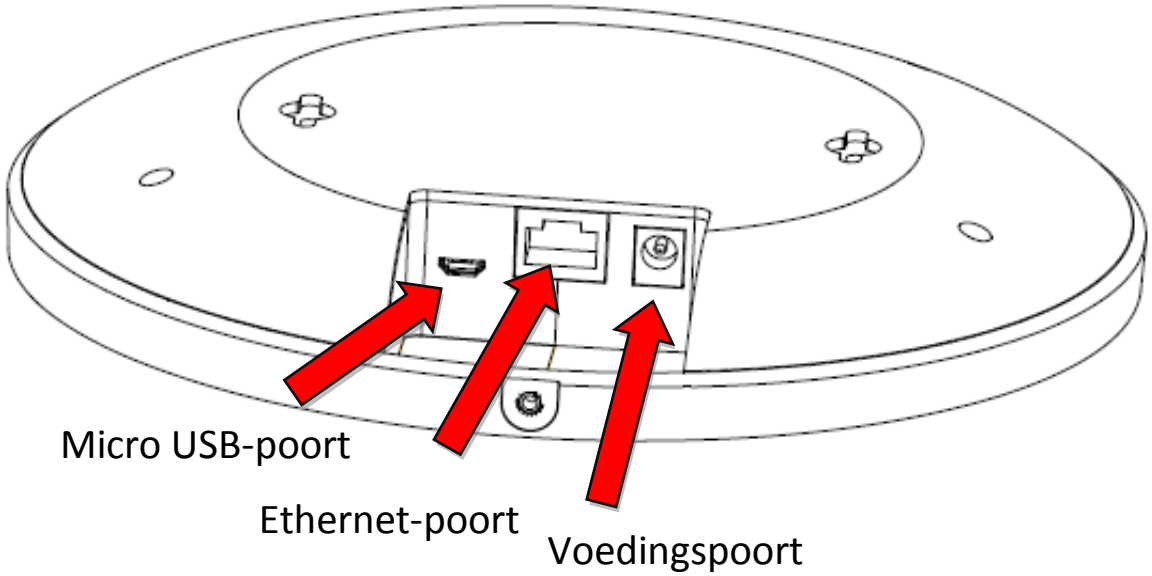
9

1. CAP1200 Access Point
2. Plafond montagebeugel
3. T-Rail montagekit & schroeven
4. Plafondmontagekit & schroeven
5. CD
6. Snelstartgids
7. Ethernetkabel
8. Voedingsadapter
9. Plafond montagebeugel schroefmal

I-2. Systeemvereisten

- Bestaande kabel/DSL-modem & router
- Computer met webbrowser voor de acces point configuratie

I-3. Hardware-overzicht



I-4. LED-status

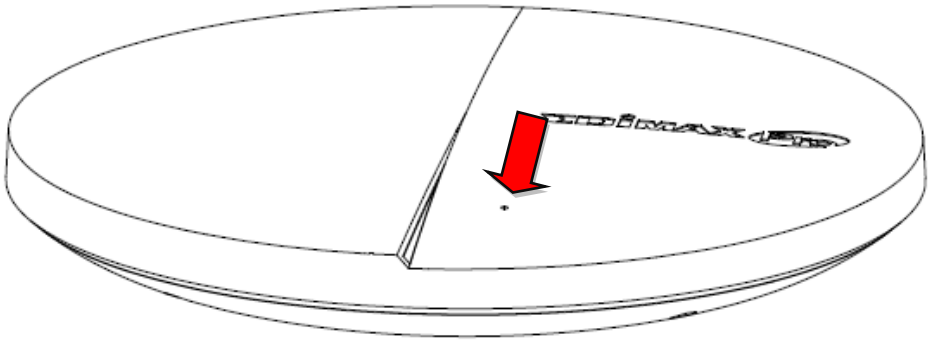
LED kleur	LED-status	Beschrijving
Blauw	**Aan**	Het access point staat aan.
	Langzaam knipperen	Bezig met het upgraden van de firmware.
	Snel knipperen	Terugzetten naar fabrieksinstellingen.
Amber	**Aan**	Start op.
	Knipperend	Fout.
Uit	**Uit**	Het access point staat uit.

I-5. Resetten

Als u problemen ondervindt met uw access point dan kunt u het apparaat terugzetten naar de standaard fabrieksinstellingen. Hiermee worden **alle** instellingen teruggezet naar standaard.

1. Druk op de resetknop op het access point en houd deze ten minste gedurende 10 seconden ingedrukt.

Wellicht moet u een speld of gelijksoortig scherp object gebruiken om de resetknop in te drukken.



2. Wacht tot het access point opnieuw is opgestart. Het access point is klaar voor de set-up als de LED **blauw** is.

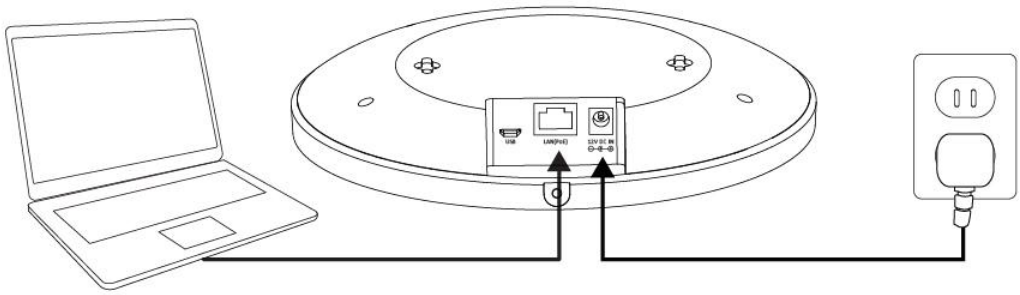
II. Snelle set-up

Uw access point kan klaar voor gebruik zijn in slechts enkele minuten. Het kan fungeren als een standalone access point (AP-modus) of als een AP array (Managed AP-modus of AP Controller modus). Deze snelstartgids helpt u met het instellen van uw access point en configureert de basis instellingen.

II-1. Eerste set-up

1. Sluit het access point aan op een computer door middel van een ethernet-kabel.

2. Steek de voedingsadapter in de 12V DC voedingspoort van het access point en steek de voedingsadapter in het stopcontact met gebruik van het bijgeleverde netsnoer.



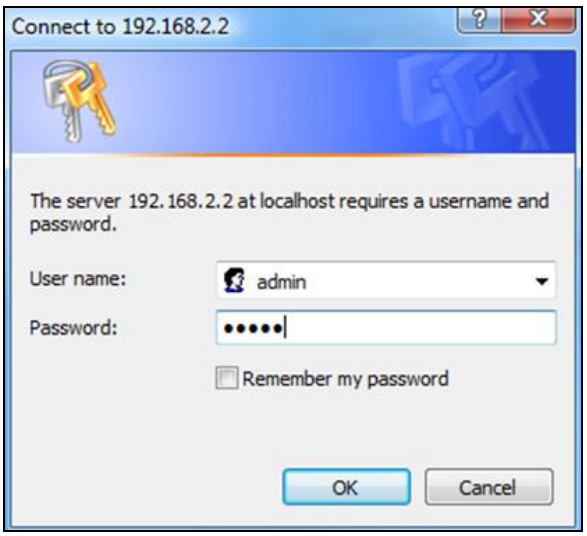
3. Wacht a.u.b. een moment totdat het access point opstart. Het access point is gereed als de LED **blauw** is.

4. Stel het IP-adres van uw computer in op **192.168.2.x**, **x** mag een nummer zijn tussen **3 – 100**. Als u niet precies weet hoe dit moet, kijk dan in de gebruikershandleiding voor meer informatie.

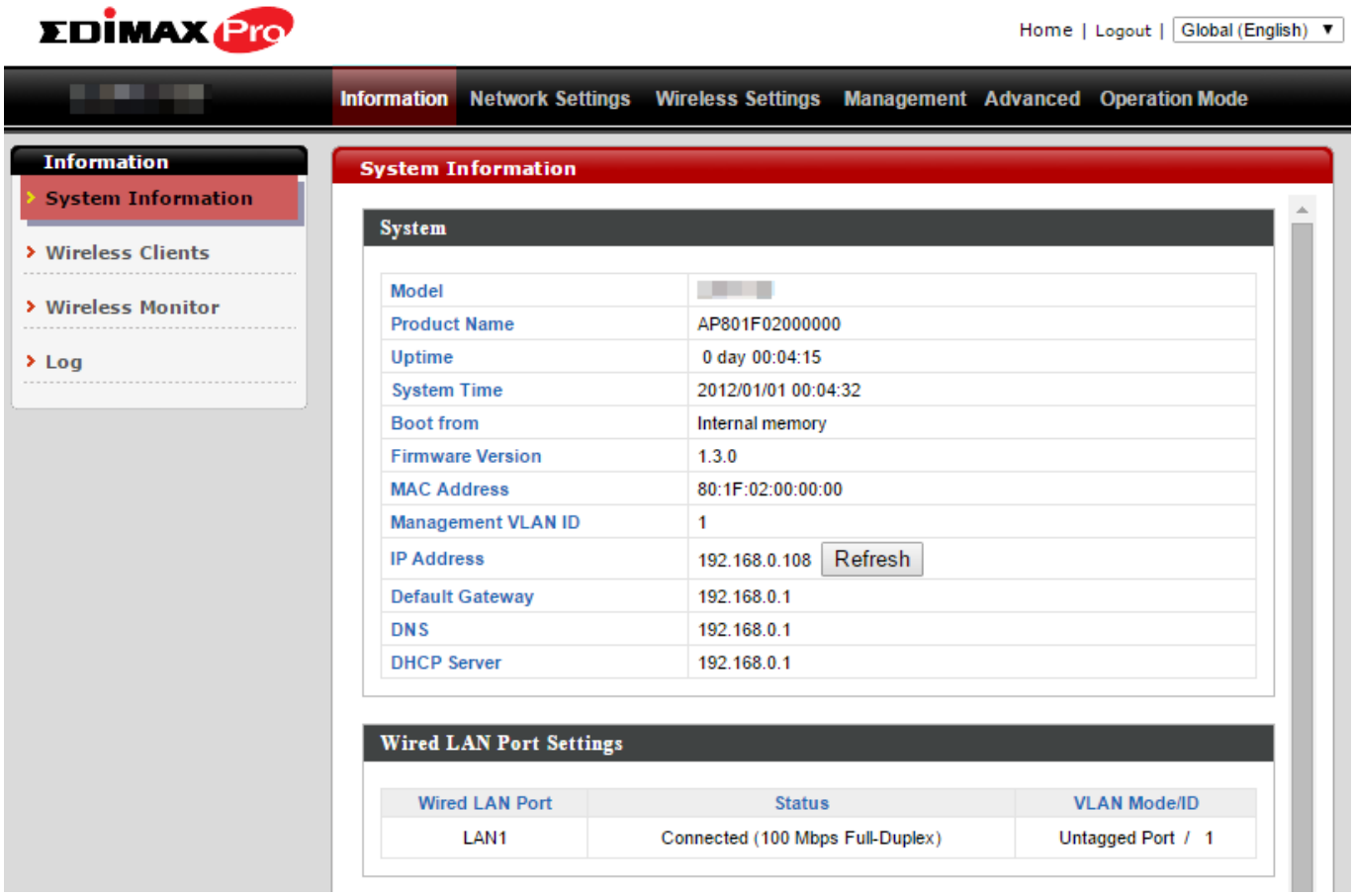
Zorg er a.u.b. voor dat er geen andere netwerkverbindingen actief zijn op uw computer (verbreek Wi-Fi verbindingen en ontkoppel ethernetkabels).

5. Type het standaard IP-adres **192.168.2.2** van het access point in de adresbalk van een webbrowser.

6. U wordt gevraagd een gebruikersnaam en wachtwoord in te voeren. Voer de standaard gebruikersnaam “admin” en het standaard wachtwoord “1234” in.



7. U gaat nu naar het "Systeem informatie" scherm zoals hieronder weergegeven.



8. Volg nu a.u.b. de onderstaande instructies in **II-2. Basisinstellingen** om de basisinstellingen van het access point te configureren voor gebruik als standalone AP in AP-modus.

Bij gebruik van een Managed AP in een AP array, schakelt het access Point automatisch over van modus als een AP Controller wordt geconfigureerd zoals beschreven in **III. Edimax Pro NMS.**

Om het AP te gebruiken als een AP Controller (master) in een AP reeks, verwijzen wij u naar **III. Edimax Pro NMS.**

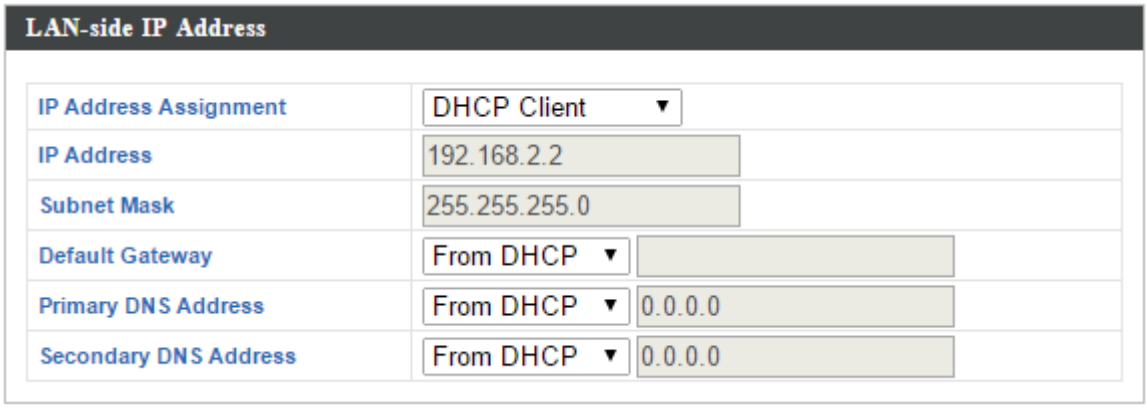
II-2. AP-modus: Basis-instellingen

De onderstaande instructies helpen u met het configureren van de basis instellingen van het access point:

- ***LAN IP-adres***
- ***2.4GHz & 5GHz SSID & beveiliging***
- ***Beheerdersnaam & wachtwoord***
- ***Tijd & datum***

Wij raden aan dat u deze instellingen eerst configureert voordat u het access point gebruikt.

1. Ga om het LAN IP-adres van het access point te wijzigen naar **"Network Settings > LAN-side IP Address (Netwerk Instellingen > LAN IP-adres)"** en u ziet het onderstaande scherm.



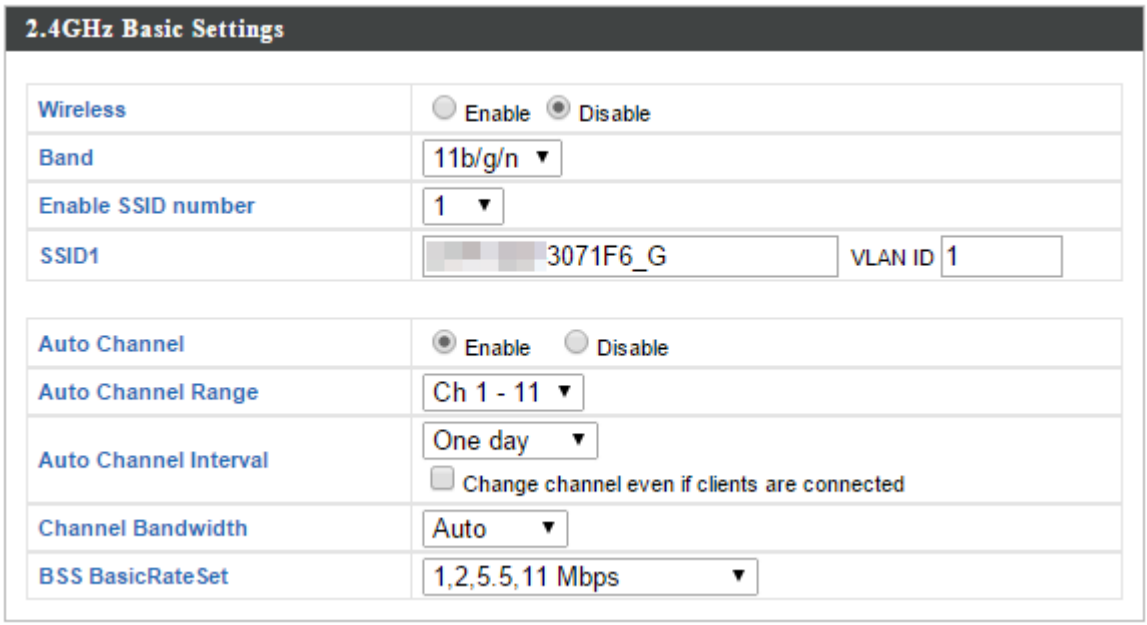
2. Vul de IP-adres instellingen in die u wilt gebruiken voor uw access point. U kunt afhankelijk van uw netwerkomgeving een dynamisch (DHCP) of

statisch IP-adres gebruiken. Klik op "Apply (Toepassen)" om de wijzigingen op te slaan en wacht een ogenblik tot het acces point opnieuw is geladen.

Als u het IP-adres van uw access point wijzigt, moet u het nieuwe IP-adres gebruiken om de browser based configuratie-interface te gebruiken in plaats van het standaard IP *192.168.2.2.*

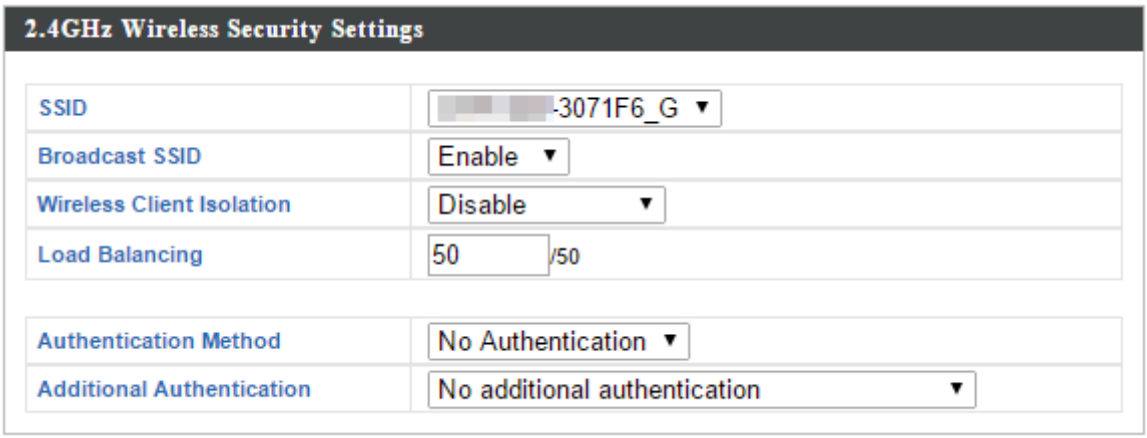
3. Om het SSID van uw access point 2.4GHz draadloze netwerk(en) te wijzigen, gaat u naar **"Wireless Setting > 2.4GHz 11bgn > Basic (Draadloze Instellingen > 2.4GHz 11bgn > Basis)"**. Voer de nieuwe SSID in voor uw 2.4GHz draadloze netwerk in het “SSID1” veld en klik op "Apply (Toepassen)".

Open om meerdere 2.4GHz SSID's te gebruiken, open het drop-down menu *"Enable SSID number (SSID nummer activeren)"* ***en selecteer hoeveel SSID's u nodig hebt. Vul hierna een nieuwe SSID in het overeenkomende veld voordat u op "Apply (Toepassen)"klikt.***



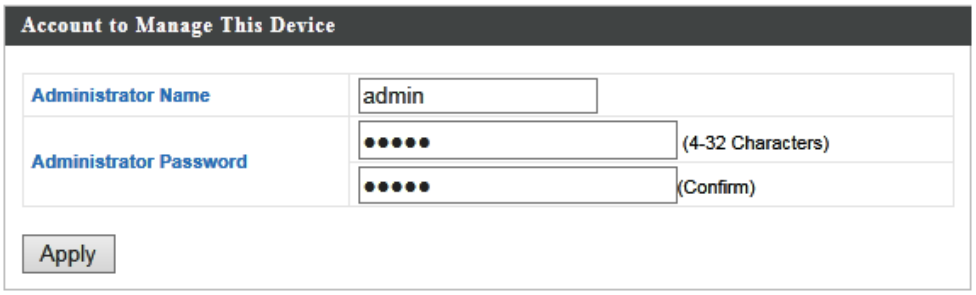
4. Om de beveiliging van uw access point 2.4GHz draadloze netwerk(en) te configureren, gaat u naar **"Wireless Setting > 2.4GHz 11bgn > Security (Draadloze Instellingen > 2.4GHz 11bgn > Beveiliging)"**. Selecteer een authenticatiemethode en vul afhankelijk van uw keuze een pre-shared sleutel of een encryptiesleutel in, klik daarna op "Apply (Toepassen)".

Specificeer in het drop-down menu welke SSID u wilt configureren als u meerdere SSID's gebruikt.



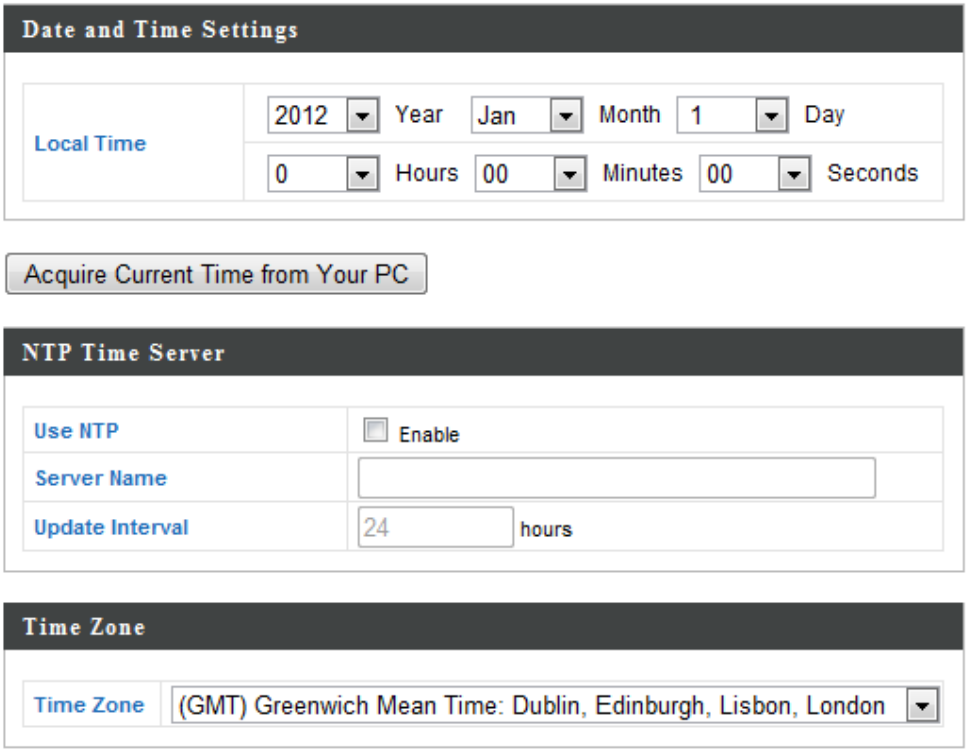
5. Ga naar **"Draadloze instellingen" > "5GHz 11ac 11an"** en herhaal stappen **3 & 4** voor het 5GHz draadloze netwerk.

6. Ga naar **"Management > Admin (Beheer > Beheerder)"** om de beheerdersnaam en het wachtwoord van de browser based configuratie-interface te wijzigen.



7. Vul de "Administrator Name (Beheerdersnaam)" en "Administrator Password (Beheerderswachtwoord)" velden in en klik op "Apply (Toepassen)".

8. Om de juiste datum en tijd voor uw access point in te stellen, gaat u naar **"Management > Date and Time (Beheer > Datum en Tijd)"**.



9. Stel de juiste tijd en tijdzone in voor uw access point door middel van de drop-down menu's. Het access point ondersteunt ook NTP (Network Time Protocol), dus u kunt ook de hostnaam of IP-adres van een tijdserver invoeren. Klik op "Apply (Toepassen)" als u klaar bent.

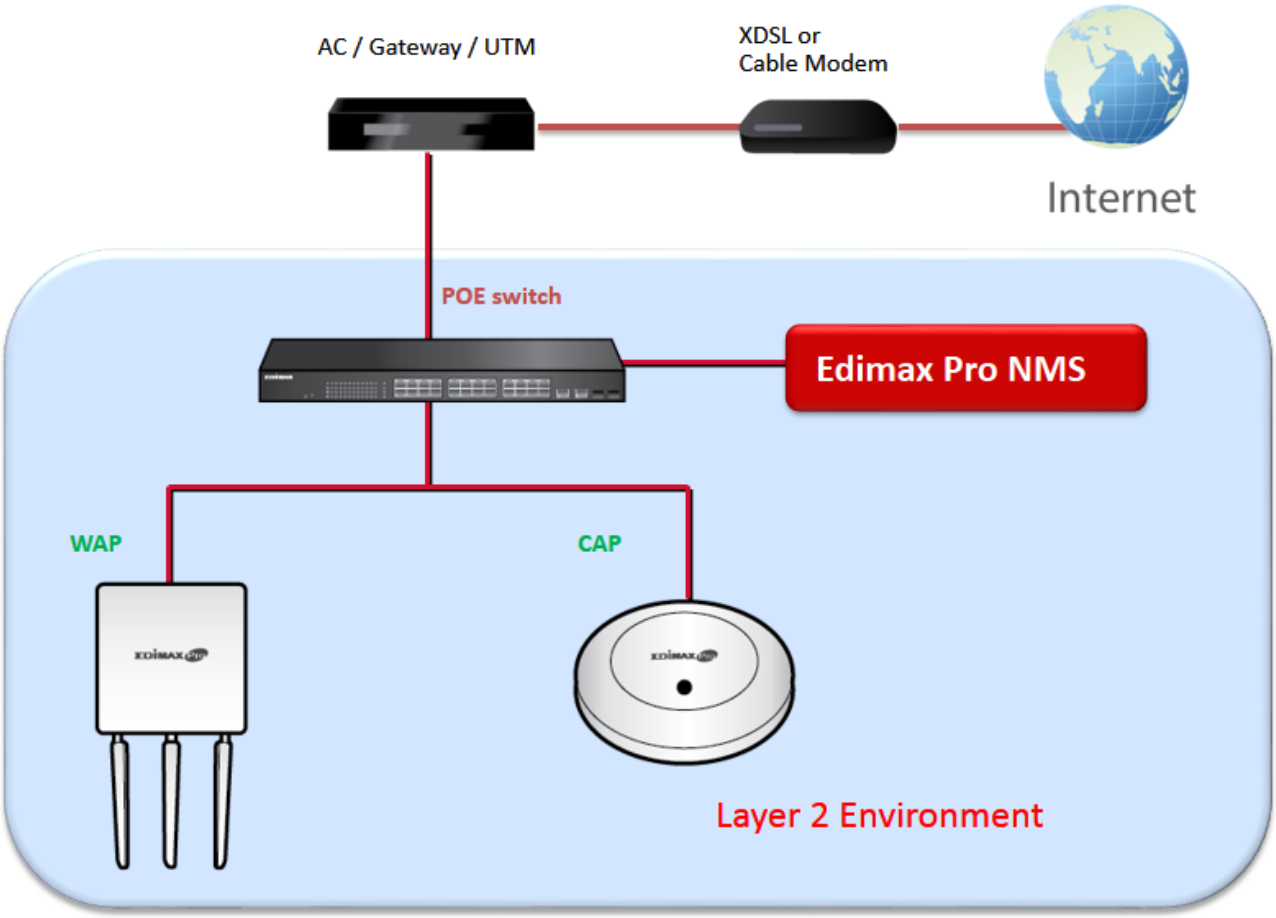
U kunt ook de "Acquire Current Time from your PC (Huidige tijd van uw PC verkrijgen)" knop gebruiken als u de tijd van uw PC wilt instellen in uw access point.

10. De basis instellingen van uw access point zijn nu geconfigureerd. Zie a.u.b. **IV. Hardware Installatie** voor begeleiding voor het verbinden van uw access point met een router of PoE switch.

III. Edimax Pro NMS

De Edimax Pro Network Management Suite (NMS) ondersteunt een centraal beheer van een groep access points, tevens bekend als AP array. NMS kan worden geïnstalleerd op een access point en ondersteunt tot wel 8 Edimax Pro access points zonder dat er een extra draadloze controller nodig is. Hiermee worden kosten verlaagd en een efficiënt extern AP-beheer mogelijk gemaakt.

Edimax Pro NMS is eenvoudig te installeren. Een overzicht van het systeem is hieronder weergegeven:

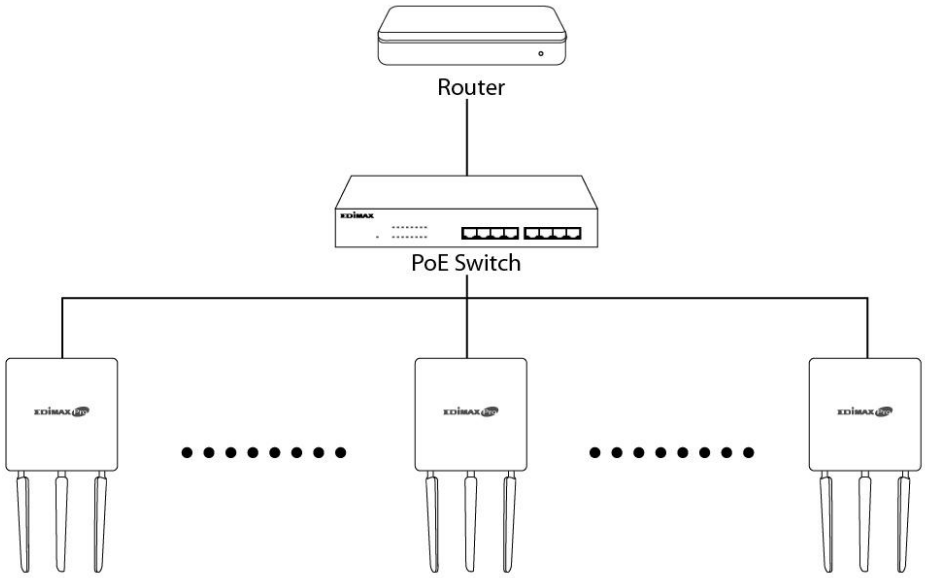


Eén AP (access point) wordt aangewezen als AP Controller (master) en alle andere verbonden Edimax Pro AP's worden automatisch aangewezen als Managed AP's (slave). Met behulp van de Edimax Pro NMS kunt u alle Managed AP's configureren, monitoren en beheren (tot 8) vanuit één enkele AP Controller.

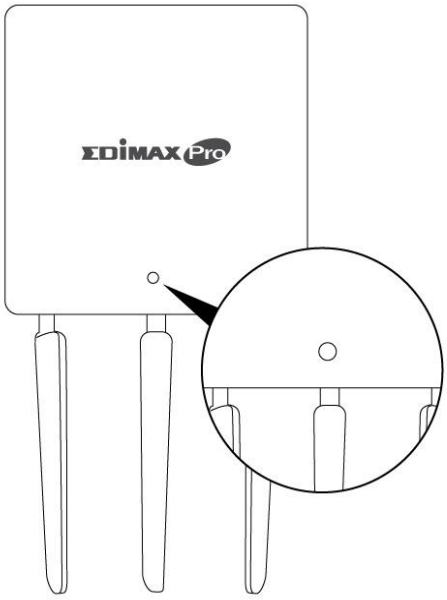
Controleer op de Edimax website of u de nieuwste firmware heeft voor uw Edimax Pro producten.

1. Sluit alle AP's aan op een PoE switch die verbonden is met een gateway/router.

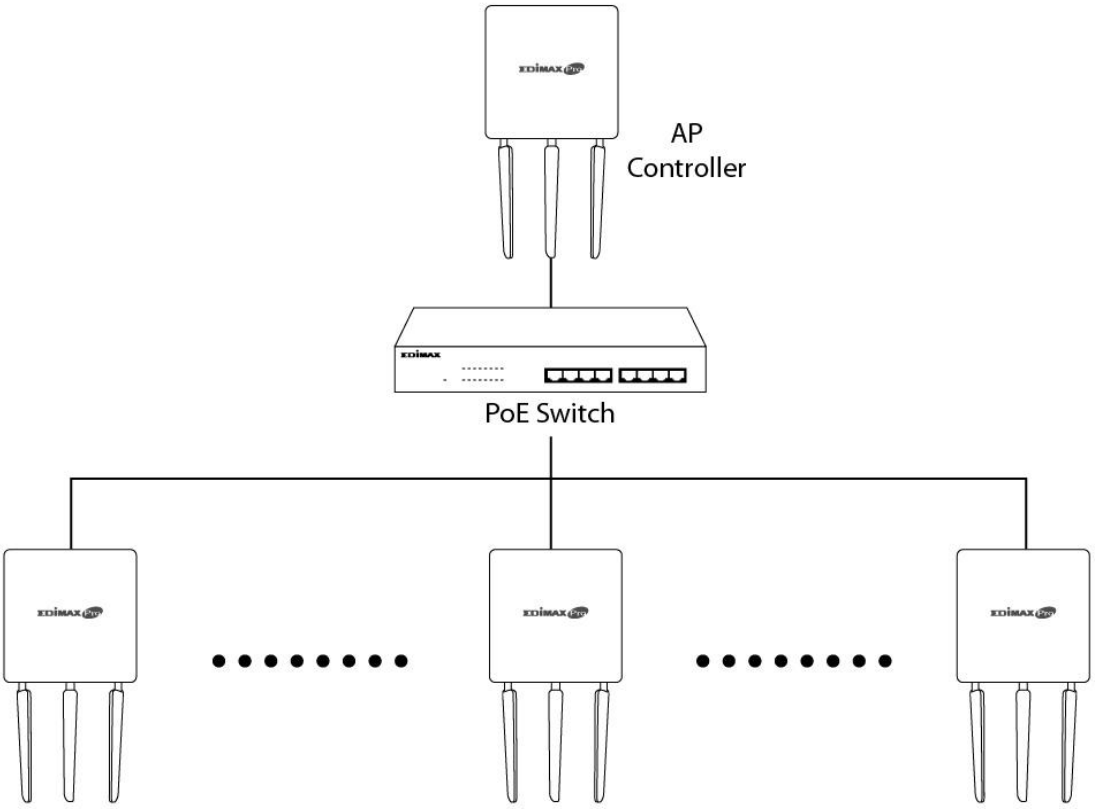
U kunt uw router als DHCP-server gebruiken of u kunt uw AP Controller later configureren als DHCP-server.



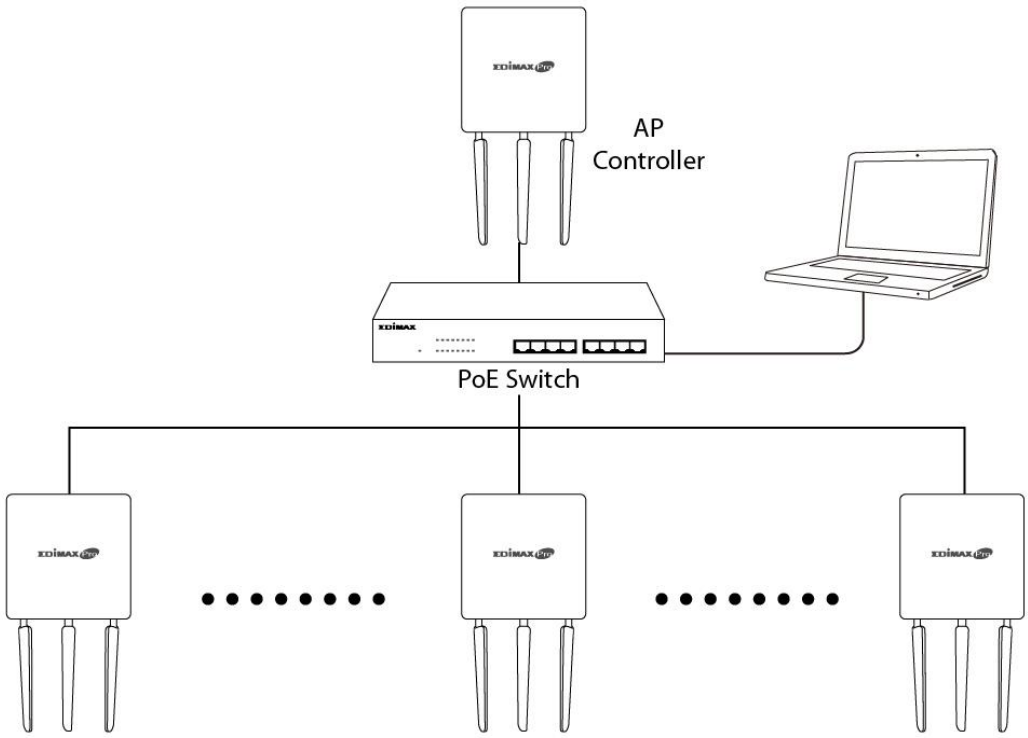
2. Controleer of alle AP's ingeschakeld zijn en of de LED's werken.



3. Wijs één AP aan als AP Controller die alle andere aangesloten AP's zal beheren (tot maximaal 8 access points).

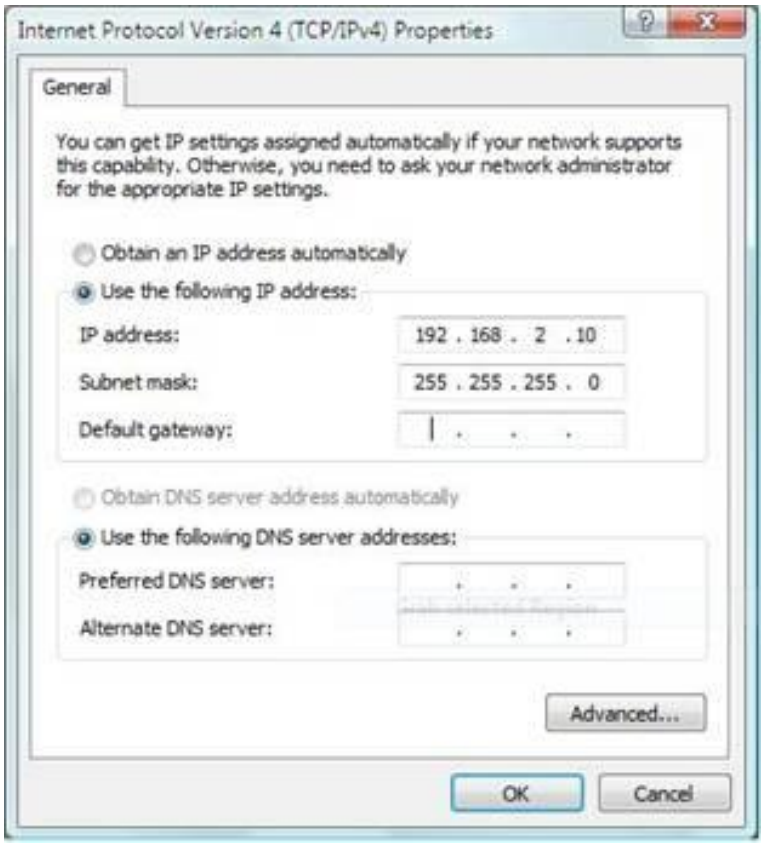


4. Sluit een computer aan op de aangewezen AP Controller met behulp van een Ethernetkabel.



5. Open een webbrowser en voer het IP-adres van de Controller in op de adresbalk. Het standaard IP-adres is **192.168.2.2**

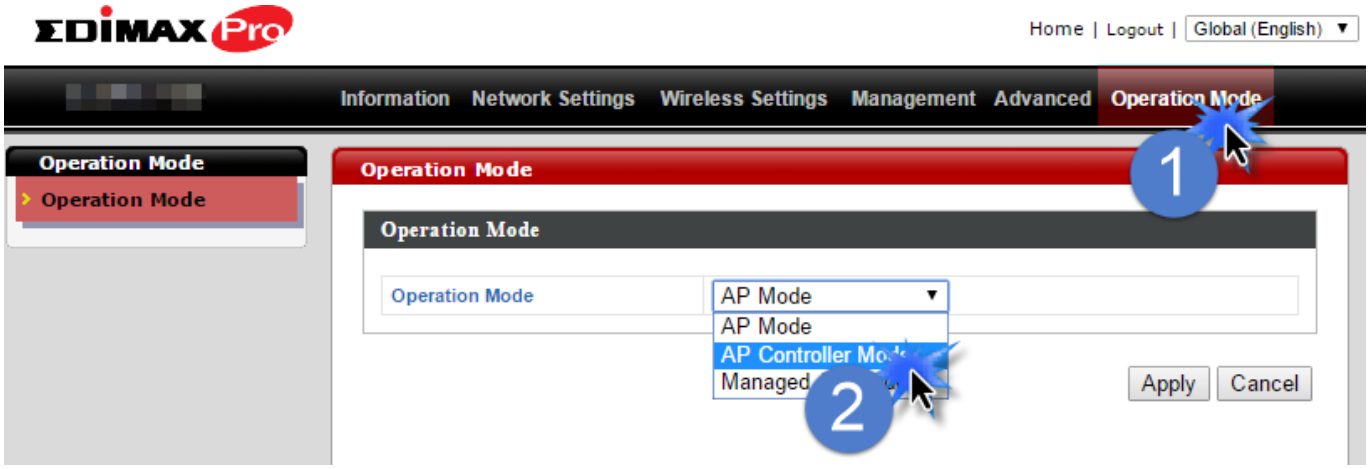
Het IP-adres van uw computer dient zich in hetzelfde subnet te bevinden als de AP Controller. Kijk in de gebruikershandleiding voor meer hulp.



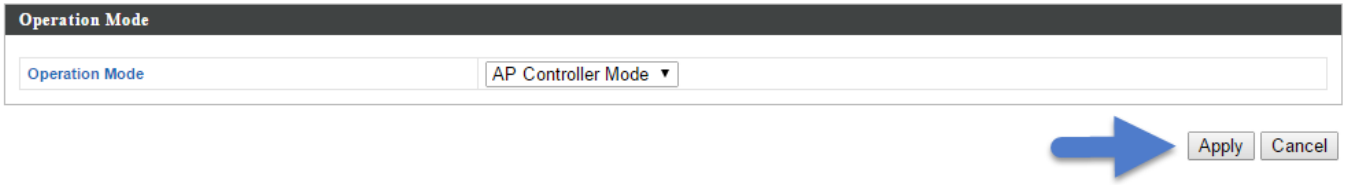
Als u het IP-adres van de AP Controller wijzigt, of als uw gateway/router een DHCP-server gebruikt, verzeker u er dan van dat u het juiste IP-adres invoert. Bekijk de instellingen van uw gateway/router.

6. Voer de gebruikersnaam en het wachtwoord in om in te loggen. De standaard gebruikersnaam en wachtwoord is **admin** & **1234**.

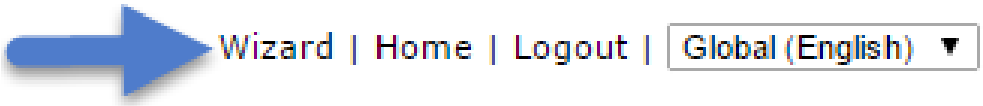
7. U wordt doorgestuurd naar het Edimax Pro NMS Dashboard. Ga naar **"Operation Modus"** en selecteer**"AP Controllermodus"** in het dropdown-menu.



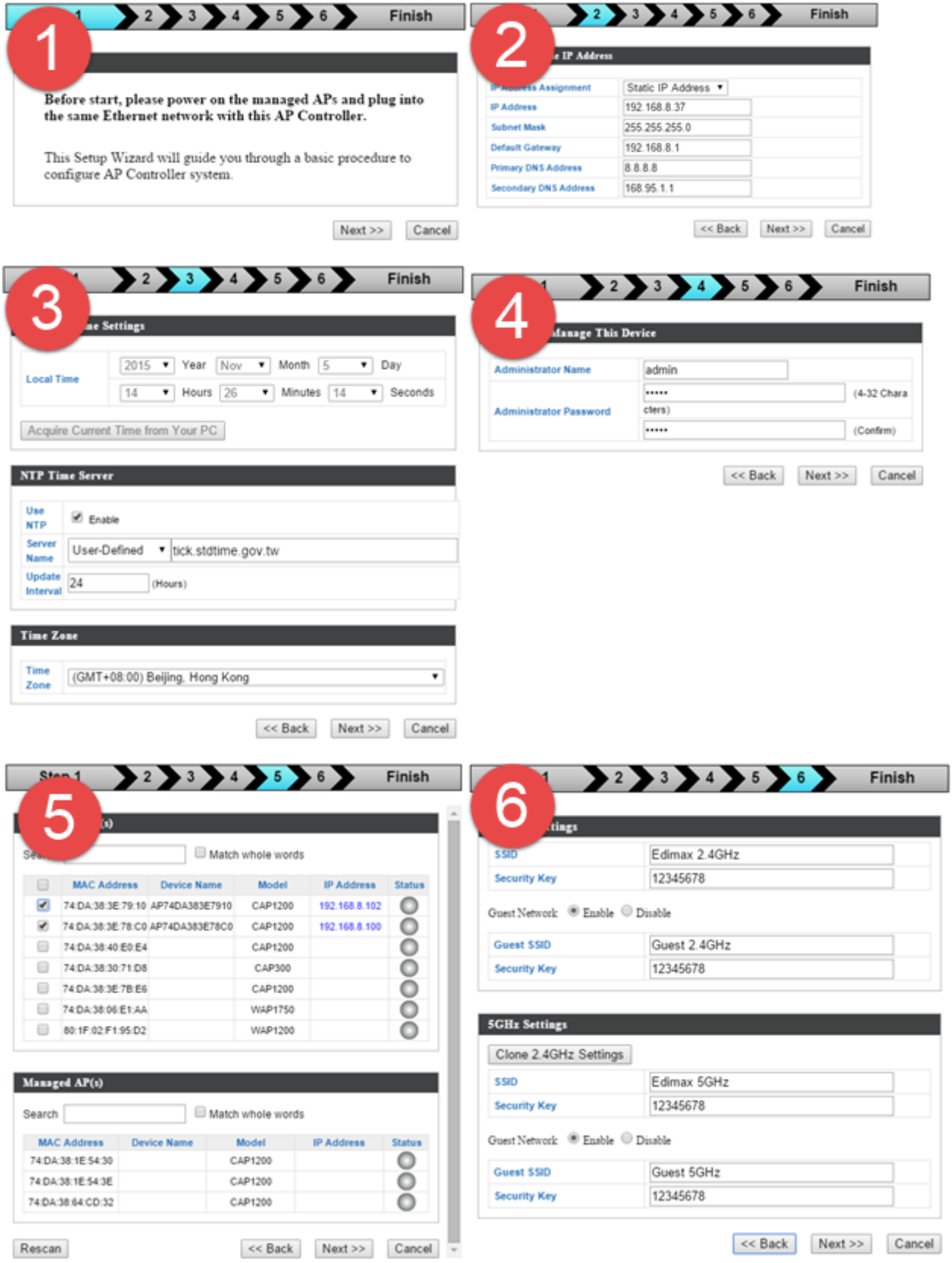
8. Klik op "Toepassen" om de instellingen op te slaan.

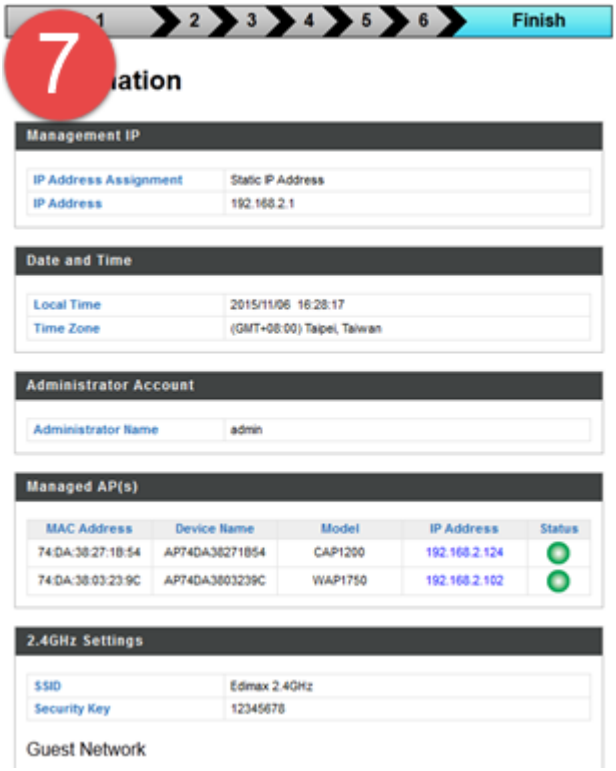


9. De Edimax Pro NMS wordt geleverd met een wizard om snel en eenvoudig de SSID en beveiliging in te stellen voor beheerde AP's. Klik op "Wizard" in de rechterbovenhoek om te beginnen.



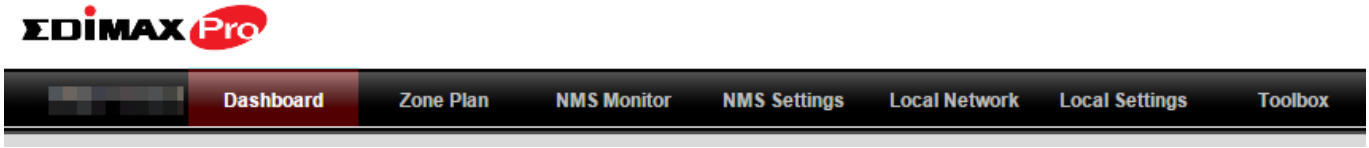
10. Volg de instructies om **Stap 1 - 6** te voltooien en klik op **“Voltooien”** om de instellingen op te slaan. De wizard helpt u bij het instellen van het LAN IP-adres, 2.4GHz & 5GHz SSID en beveiliging, de administrator naam en wachtwoord, de tijd- en datuminstellingen en de beheerde AP's.


1
2 3 4 5 6 Finish
Before start, please power on the managed APs and plug into the same Ethernet network with this AP Controller.
This Setup Wizard will guide you through a basic procedure to configure AP Controller system.
Next >> Cancel
2
Static IP Address
IP Address 192.168.8.37
Subnet Mask 255.255.255.0
Default Gateway 192.168.8.1
Primary DNS Address 8.8.8.8
Secondary DNS Address 168.95.1.1
<< Back Next >> Cancel
3
Local Time 2015 Year Nov Month 5 Day 14 Hours 26 Minutes 14 Seconds
Acquire Current Time from Your PC
NTP Time Server
Use NTP Enable
Server Name User-Defined tick.stdtime.gov.tw
Update Interval 24 (Hours)
Time Zone
Time Zone (GMT+08:00) Beijing, Hong Kong
<< Back Next >> Cancel
4
Manage This Device
Administrator Name admin
Administrator Password (4-32 Characters)
(Confirm)
<< Back Next >> Cancel
5
Match whole words
MAC Address Device Name Model IP Address Status
74:DA:38:3E:79:10 AP74DA383E7910 CAP1200 192.168.8.102
74:DA:38:3E:78:C0 AP74DA383E78C0 CAP1200 192.168.8.100
74:DA:38:40:E0:E4 CAP1200
74:DA:38:30:71:D8 CAP300
74:DA:38:3E:7B:E6 CAP1200
74:DA:38:06:E1:AA WAP1750
80:1F:02:F1:95:D2 WAP1200
Managed AP(s)
Search Match whole words
MAC Address Device Name Model IP Address Status
74:DA:38:1E:54:30 CAP1200
74:DA:38:1E:54:3E CAP1200
74:DA:38:64:CD:32 CAP1200
Rescan << Back Next >> Cancel
6
SSID Edimax 2.4GHz
Security Key 12345678
Guest Network Enable Disable
Guest SSID Guest 2.4GHz
Security Key 12345678
5GHz Settings
Clone 2.4GHz Settings
SSID Edimax 5GHz
Security Key 12345678
Guest Network Enable Disable
Guest SSID Guest 5GHz
Security Key 12345678
<< Back Next >> Cancel



Als één van de beheerde AP's niet gevonden wordt tijdens *Stap 5, selecteer dan Beschikbare AP's* ***en zet het beheerde AP terug naar de standaard fabrieksinstellingen. Kijk voor meer hulp in de gebruikershandleiding van het AP.***

11. Uw Controller AP & Beheerde AP's zouden functioneel moeten zijn. Gebruik het menu aan de bovenkant om te navigeren door de Edimax Pro NMS.



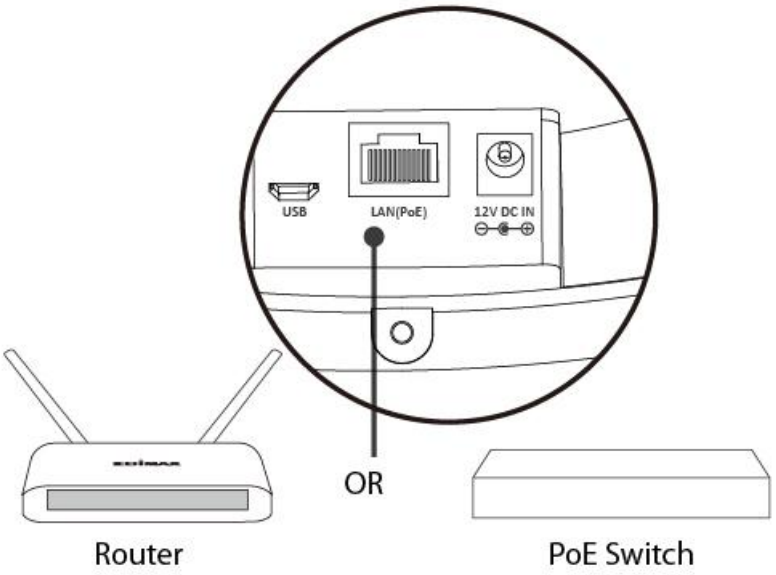
Gebruik ***Dashboard, Zone Plan, NMS Monitor*** & ***NMS Instellingen*** om de beheerde AP's te configureren.

Gebruik het ***Lokale Netwerk & Lokale Instellingen*** om uw Controller AP te configureren.

Kijk in de gebruikershandleiding voor meer informatie.

IV. Hardware-installatie

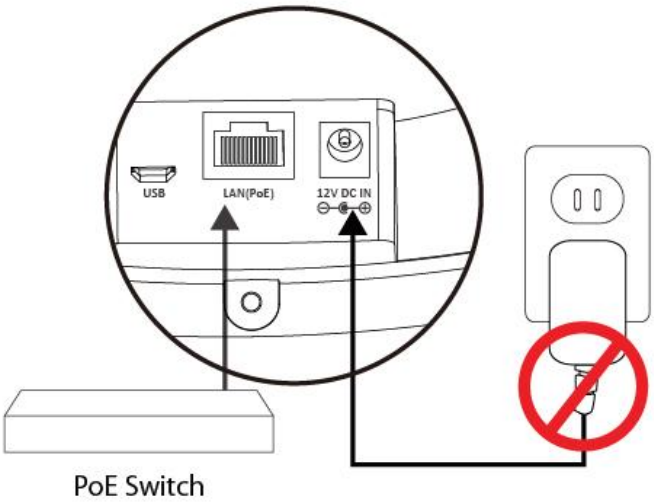
1. Verbind een router of PoE switch met de **LAN** poort van het acces point door middel van een ethernetkabel.



2. Als u een router gebruikt, steek dan de voedingsadapter in de 12V DC voedingspoort van het access point en steek de voedingsadapter in een stopcontact.

3. Als u een PoE switch (Power over Ethernet) gebruikt is het niet nodig de bijgeleverde adapter te gebruiken, het access point wordt gevoed door de PoE switch.

Gebruik de adapter niet als u een PoE switch gebruikt.



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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 and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter. 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 authority to operate equipment.

Federal Communications Commission (FCC) Radiation Exposure Statement

This equipment complies with FCC radiation exposure set forth for an uncontrolled environment. In order to avoid the possibility of exceeding the FCC radio frequency exposure limits, human proximity to the antenna shall not be less than 2.5cm (1 inch) during normal operation.

Federal Communications Commission (FCC) RF Exposure Requirements

SAR compliance has been established in the laptop computer(s) configurations with PCMCIA slot on the side near the center, as tested in the application for certification, and can be used in laptop computer(s) with substantially similar physical dimensions, construction, and electrical and RF characteristics. Use in other devices such as PDAs or lap pads is not authorized. This transmitter is restricted for use with the specific antenna tested in the application for certification. The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 1999/5/EC OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

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 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Français: Cet équipement est conforme aux exigences essentielles et autres dispositions de la directive 1995/5/CE, 2009/125/CE, 2006/95/CE, 2011/65/CE.

Čeština: Toto zařízení je v souladu se základními požadavky a ostatními příslušnými ustanoveními směrnic 1995/5/ES, 2009/125/ES, 2006/95/ES, 2011/65/ES.

Polski: Urządzenie jest zgodne z ogólnymi wymaganiami oraz szczególnymi warunkami określonymi Dyrektywą UE 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC..

Română: Acest echipament este în conformitate cu cerinţele esenţiale şi alte prevederi relevante ale Directivei 1995/5/CE, 2009/125/CE, 2006/95/CE, 2011/65/CE.

Русский: Это оборудование соответствует основным требованиям и положениям Директивы 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Magyar: Ez a berendezés megfelel az alapvető követelményeknek és más vonatkozó irányelveknek (1995/5/EK, 2009/125/EK, 2006/95/EK, 2011/65/EK).

Türkçe: Bu cihaz 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC direktifleri zorunlu istekler ve diğer hükümlerle ile uyumludur.

Українська: Обладнання відповідає вимогам і умовам директиви 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Slovenčina: Toto zariadenie spĺňa základné požiadavky a ďalšie príslušné ustanovenia smerníc 1995/5/ES, 2009/125/ES, 2006/95/ES, 2011/65/ES.

Deutsch: Dieses Gerät erfüllt die Voraussetzungen gemäß den Richtlinien 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Español: El presente equipo cumple los requisitos esenciales de la Directiva 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Italiano: Questo apparecchio è conforme ai requisiti essenziali e alle altre disposizioni applicabili della Direttiva 1995/5/CE, 2009/125/CE, 2006/95/CE, 2011/65/CE.

Nederlands: Dit apparaat voldoet aan de essentiële eisen en andere van toepassing zijnde bepalingen van richtlijn 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC..

Português: Este equipamento cumpre os requesitos essênciais da Directiva 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Norsk: Dette utstyret er i samsvar med de viktigste kravene og andre relevante regler i Direktiv 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

Svenska: Denna utrustning är i överensstämmelse med de väsentliga kraven och övriga relevanta bestämmelser i direktiv 1995/5/EG, 2009/125/EG, 2006/95/EG, 2011/65/EG.

Dansk: Dette udstyr er i overensstemmelse med de væsentligste krav og andre relevante forordninger i direktiv 1995/5/EC, 2009/125/EC, 2006/95/EC, 2011/65/EC.

suomen kieli: Tämä laite täyttää direktiivien 1995/5/EY, 2009/125/EY, 2006/95/EY, 2011/65/EY oleelliset vaatimukset ja muut asiaankuuluvat määräykset.

FOR USE IN AT BE CY CZ DK EE FI FR DE GR HU IE IT LV LT LU MT NL PL PT SK SI ES SE GB IS LI NO CH BG RO TR

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 R&TTE directives.

Equipment: AC1750 Ceiling Mount Access Point
Model No.: CAP1750

The following European standards for essential requirements have been followed:

Directives 1999/5/EC

Spectrum	:	ETSI EN 300 328 V1.9.1 (2015-02);
EMC	:	EN 301 489-1 V1.9.2 (2011-09);
		EN301 489-17 V2.2.1(2012-09);
		EN 301 893 V1.8.1(2015-03);
Safety (LVD)	:	IEC 60950-1:2005 (2nd Edition)+Am 1:2009+Am 2:2013
		EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

Recommendation19 99/5/EC

EMF	:	EN 62311:2008

Directives 2006/95/EC

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

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No. 3, Wu Chuan 3rd Road,
Wu-Ku Industrial Park,
New Taipei City, Taiwan

CE

Date of Signature: Dec, 2015
Signature:
Printed Name: Albert Chang
Title: Director
Edimax Technology Co., Ltd.

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