

CAP1750

Инструкция по быстрой установке

11-2020 / v1.2

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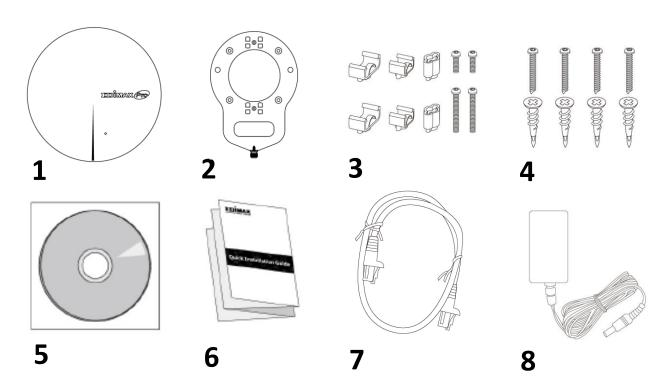
3444 De La Cruz Blvd., Santa Clara, CA 95054, USA

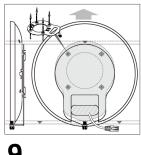
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I. Информация о продукте

I-1. Состав комплекта





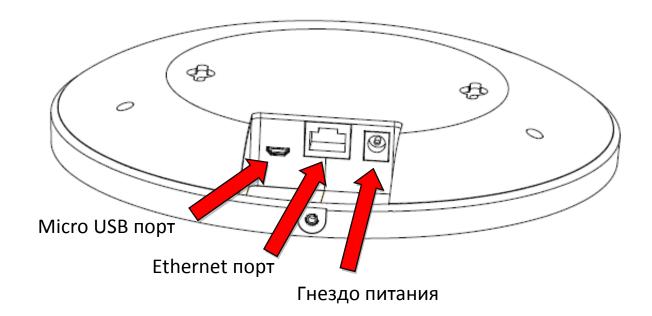
- **1.** Точка доступа САР-1750
- 2. Потолочное крепежное основание
- 3. Монтажный комплект с шурупами
- **4.** CD диск

- 5. Инструкция по быстрой установке (Quick Installation Guide, QIG)
- **6.** Ethernet кабель
- 7. Адаптер питания
- 8. Трафарет для разметки

I-2. Системные требования

- Существующий кабельный маршрутизатор (модем)
- Компьютер с веб браузером для конфигурирования точки доступа

І-3. Физические интерфейсы



I-4. LED статус

Цвет	LED Статус	Описание	
индикатора			
Голубой	Горит	Точка доступа включена.	
	Долго мигает	Обновление встроенной программы.	
	Быстро мигает	Сброс в заводские настройки.	
Желтый	Горит	Идет запуск.	
	Мигает	Ошибка.	
Нет	Не горит	Точка доступа отключена.	

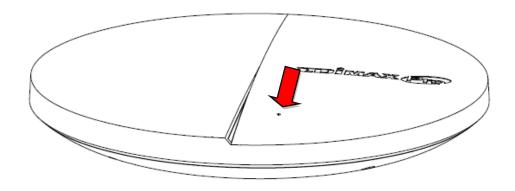
I-5. Кнопка Reset

Это устройство требует профессиональной установки Если у вас возникли проблемы с точкой доступа, вы можете сбросить настройки в заводские. При этом будут установлены **все** настройки по умолчанию.

1. Нажмите и удерживайте кнопку Reset не менее 10 секунд.



Вам нужно воспользоваться скрепкой или другим тонким предметом, чтобы нажать на кнопку Reset.



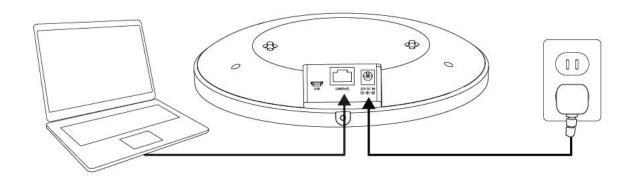
2. Подождите перезапуска точки доступа. Точка доступа будет готова к работе, когда LED индикатор загорится голубым.

II. Быстрая установка

Ваша точка доступа может быть установлена и запущена в течение нескольких минут. Она может использоваться как отдельно стоящая точка доступа (АР режим) или как часть сети точек доступа (режим управляемой АР или режим АР контроллера). Настоящая инструкция поможет вам установить точку доступа и выполнить базовые настройки конфигурации.

II-1. Начальная установка

- **1.** Присоедините точку доступа к компьютеру Ethernet кабелем.
- **2.** Подключите адаптер питания к точке доступа и воткните его в электророзетку.

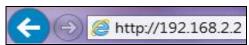


- **3.** Пожалуйста, дождитесь окончания запуска точки доступа. Она будет готова к работе, когда LED индикатор загорится голубым.
- **4.** Установите IP адрес компьютера **192.168.2.х,** где **х** число в пределах **3 100**. Если вы не знаете как это сделать, пожалуйста, прочитайте инструкцию пользователя.



Пожалуйста, убедитесь в отсутствии других активных сетевых подключений на вашем компьютере (отключите Wi-Fi связь и другие Ethernet кабели).

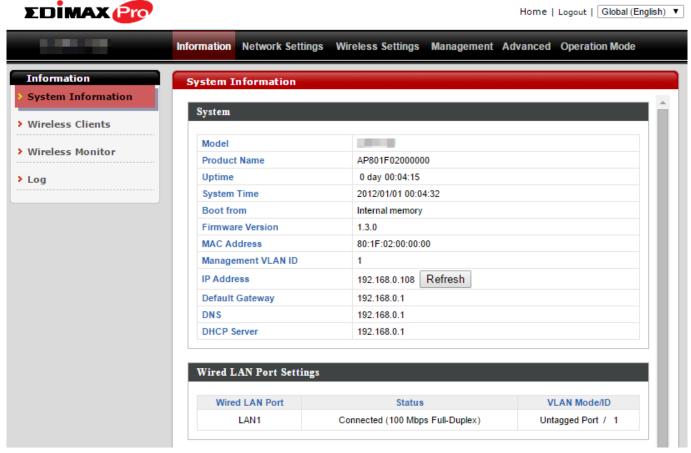
5. Введите IP адрес точки доступа по умолчанию **192.168.2.2** в адресную строку веб браузера.



6. Появится окно ввода имени пользователя и пароля. Введите параметры по умолчанию: имя пользователя "admin" и пароль "1234".



7. Откроется страница "System Information" ("Системная информация"), как показано ниже.



8. Далее, пожалуйста, следуйте инструкции в разделе **II-2. Режим АР: Основные настройки** для конфигурирования базовых установок точки доступа в режиме АР.

For use a Managed AP in an AP array, the access point will automatically switch mode when an AP Controller is configured as described in **III. Edimax Pro NMS.**

To use the AP as an AP Controller (master) in an AP array, refer to III. Edimax Pro NMS.

II-2. Режим АР: Основные настройки

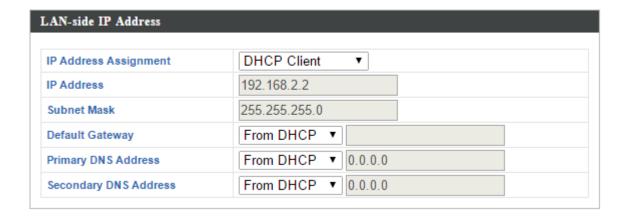
Инструкция ниже поможет вам настроить базовую конфигурацию точки доступа, а именно:

- LAN IP адрес
- 2.4 ГГц и 5 ГГц SSID и безопасность
- Имя администратора и пароль входа
- Время и дата



Настоятельно рекомендуется выполнить эти настройки до начала использования точки доступа.

1. Для изменения LAN IP адреса перейдите на страницу "Network Settings" > "LAN-side IP Address" ("Сетевые настройки" > "LAN IP адрес") и вы увидите страницу ниже.



2. Введите ІР адрес, который вы хотите использовать для вашей точки доступа. Вы можете использовать динамический (DHCP) или статический ІР адрес, в зависимости от конфигурации вашей сети. Нажмите "Apply" ("Применить"), чтобы сохранить новую настройку, и подождите некоторое время пока, точка доступа перезагрузится.

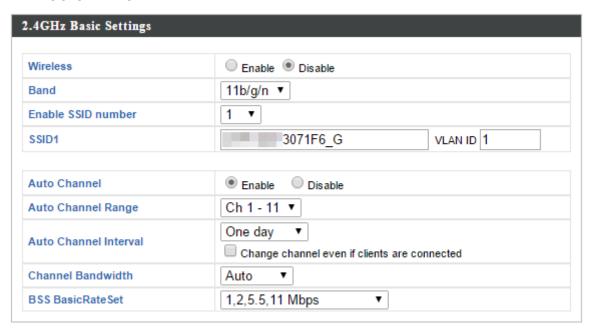


После изменения ІР адреса точки доступа вам необходимо 🦺 использовать этот новый адрес для входа в веб интерфейс точки доступа вместо адреса по умолчанию 192.168.2.2.

3. Для изменения идентификатора SSID точки доступа в диапазоне частот 2.4 ГГц перейдите на страницу "Wireless Setting" > "2.4GHz 11bgn" > "Basic" ("Беспроводные настройки" > "2.4 ГГц 11bgn" > "Основные настройки"). Введите новый идентификатор SSID для диапазона частот 2.4 ГГц в поле "SSID1" и нажмите "Apply" ("Применить").



Для использования режима нескольких SSID на частоте 📤 2.4 ГГц, откройте выпадающее меню "Enable SSID number" ("Установить количество SSID") и выберите число требуемых SSID. Затем введите новые идентификаторы SSID в соответствующие поля перед нажатием кнопки "Apply" ("Применить").



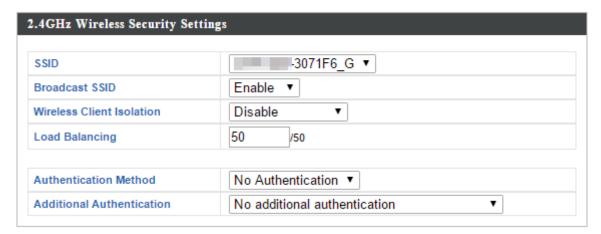
4. Для настройки безопасности вашей точки доступа на частоте 2.4 ГГц перейдите на страницу "Wireless Setting" > "2.4GHz 11bgn" > "Security"

("Беспроводные настройки" > "2.4 ГГц 11bgn" > "Безопасность").

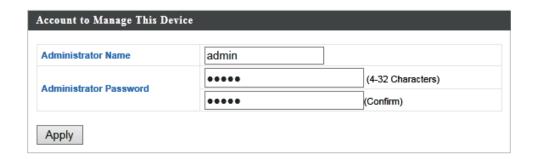
Выберите "Authentication Method" ("Метод аутентификации") и введите "Pre-shared Key" ("Ключ доступа") или "Encryption Key" ("Ключ шифрования") в зависимости от выбора метода аутентификации, затем нажмите "Apply" ("Применить").



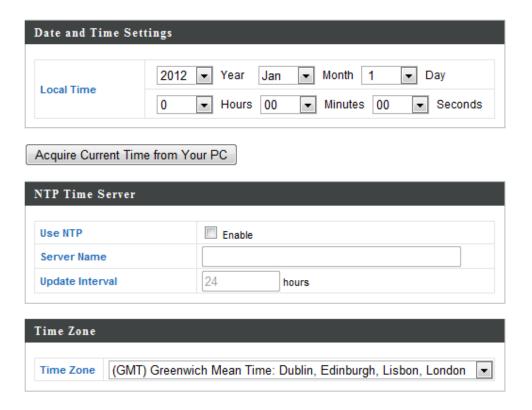
При настройке режима с несколькими идентификаторами 📤 SSID, выбирайте настраиваемый идентификатор из выпадающего меню.



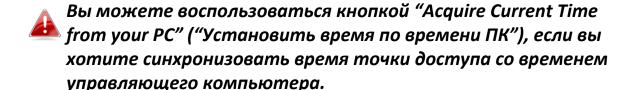
- **5.** Перейдите на страницу "Wireless Setting" > "5GHz 11ac 11an" ("Беспроводные настройки" > "5 ГГц 11ас 11ап") и повторите шаги 3 и 4 для диапазона частот 5 ГГц.
- 6. Для изменения имени администратора и пароля перейдите на страницу "Management" > "Admin" ("Управление" > "Администратор").



- 7. Введите имя администратора и пароль в соответствующие поля.
- 8. Для установки времени перейдите на страницу "Management" > "Date and Time" ("Управление" > "Дата и время").



9. Установите время и, используя выпадающее меню, временную зону точки доступа. Точка доступа также поддерживает протокол NTP (Network Time Protocol), что позволяет использовать альтернативный способ установки времени через ввод URL или IP адреса сервера времени. Нажмите "Apply" ("Применить") по завершению настройки.

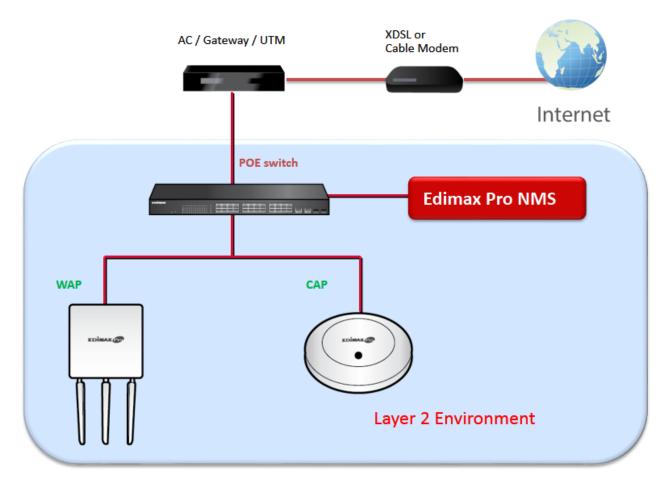


10. Базовая конфигурация вашей точки доступа установлена. Пожалуйста, перейдите к разделу **IV. Физическая установка** для получения инструкции по подключению точки доступа к маршрутизатору или PoE коммутатору.

III. Edimax Pro NMS

Система Edimax Pro NMS (Network Management Suite) поддерживает централизованное управление группой точек доступа, называемой AP Array. NMS система может быть установлена на одной точке доступа и поддерживает управление до 8 точками доступа Edimax Pro без дополнительного контроллера, что уменьшает стоимость сети и усиливает эффективность удаленного управления точками доступа.

Система Edimax Pro NMS проста в установке. Картинка соединения показана ниже:



Одна точка доступа (AP) назначается AP контроллером (master) и остальные точки доступа серии Edimax Pro автоматически становятся управляемыми AP (slaves). Используя систему Edimax Pro NMS, вы можете контролировать, конфигурировать и управлять точками доступа (до 8) из одного AP контроллера.

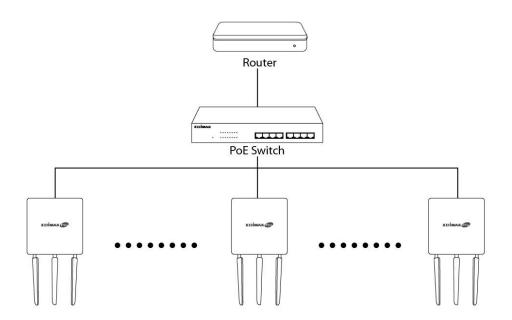


Убедитесь, что на вашей точке доступа установлена последняя встроенная программа с сайта Edimax.

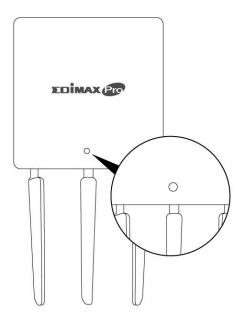
1. Присоедините все точки доступа (AP) к Ethernet или РоЕ коммутатору, который подключен к шлюзу/маршрутизатору.



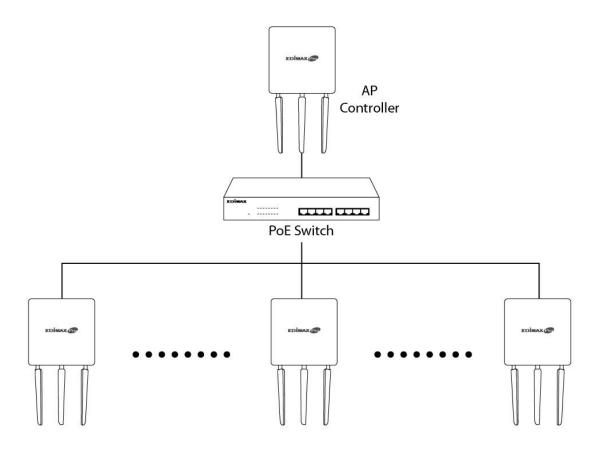
Вы можете использовать ваш маршрутизатор как DHCP сервер или позднее вы можете настроить ваш AP контроллер как DHCP сервер.



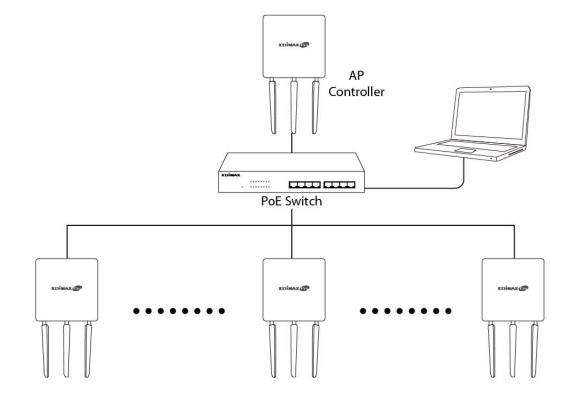
2. Убедитесь, что все AP получают питание, проверьте их готовность по LED индикации.



3. Назначьте одну точку доступа (AP) как контроллер, управляющий всеми другими AP (до 8).



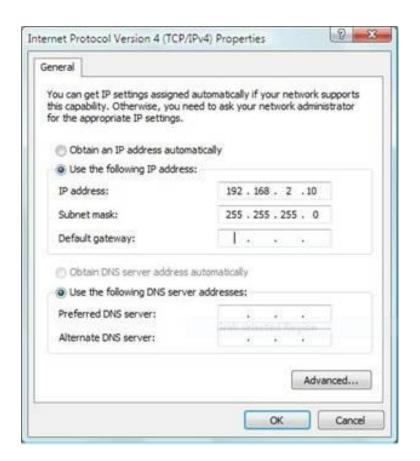
4. Присоедините компьютер к АР контроллеру.



5. Откройте браузер и введите IP адрес контроллера. IP адрес по умолчанию **192.168.2.2**



IP вашего компьютера должен принадледать той же сети, что и адрес АР контроллера. Прочитайте инструкцию пользователя для получения дополнительной информации.

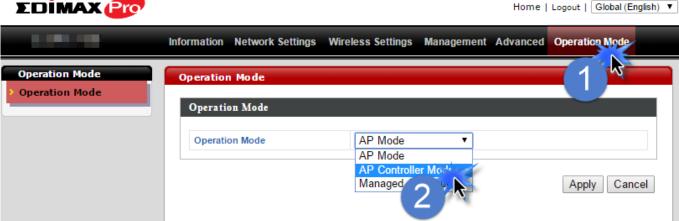




Если вы изменили IP адрес контроллера или ваш 📤 шлюз/маршрутизатор использует DHCP сервер, убедитесь, что вы используете корректный ІР адрес. Ознакомьтесь с настройками вашего шлюза/маршрутизатора.

- 6. Введите имя пользователя и пароль для входа. Имя пользователя и пароль по умолчанию admin и 1234.
- 7. Откроется страница интерфейса управления. Перейдите на страницу "Operation Mode" ("Режим работы") и выберите "AP Controller Mode" ("Режим АР контроллера") из выпадающего меню.

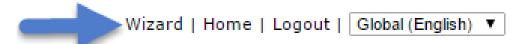




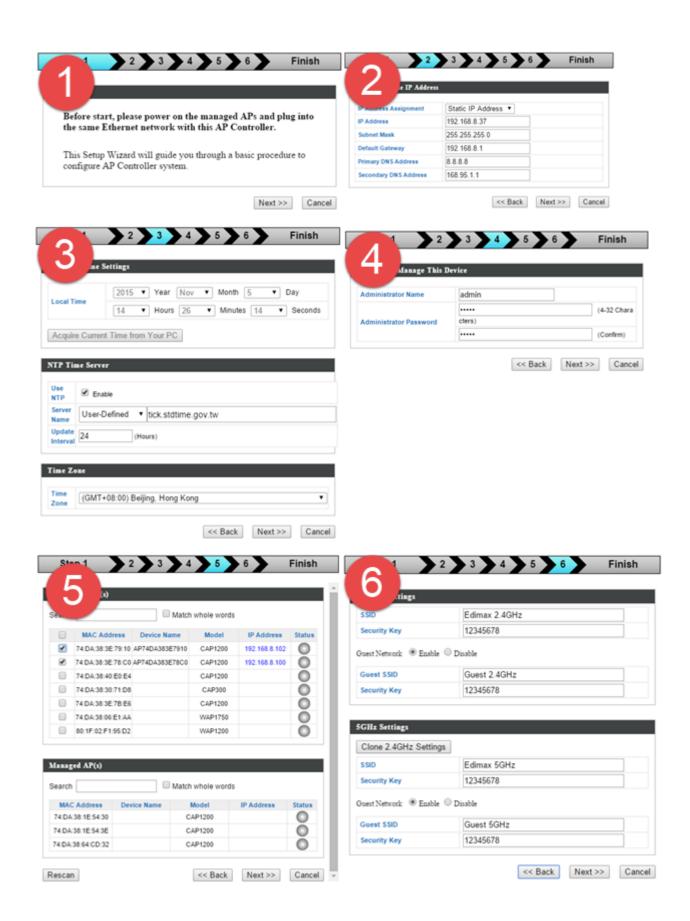
8. Нажмите "Apply" ("Применить") для сохранения настроек.

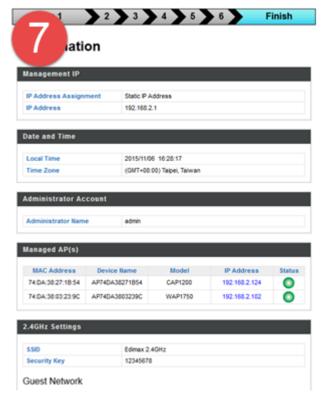


9. Система Edimax Pro NMS имеет мастер установки для быстрой настройки SSID и безопасности для управляемых точек доступа. Нажмите "Wizard" ("Мастер установки") в верхнем правом углу экрана для запуска установки.



10. Следуйте шагам инструкции 1 - 6 и нажмите "Finish" ("Финиш") для сохранения настроек. Мастер установки поможет вам установить LAN IP адреса, 2.4 ГГц и 5 ГГц SSID и защиту, имя администратора и пароль, время и дату на управляемых точках доступа.







Если какая-либо точка доступа не найдена на шаге 5, выберите свободные точки доступа и сбросьте настрйки точек доступа в заводские. Прочитайте инструкцию пользователя для получения дополнительной информации.

11. Теперь ваш контроллер и управляемые AP полностью готовы к работе. Используйте верхнее меню для навигации в интерфейсе управления Edimax Pro NMS.



Используйте *Dashboard, Zone Plan, NMS Monitor и NMS Settings (Панель управления, план зон, NMS монитор и NMS настройки)* для конфигурирования управляемых AP.

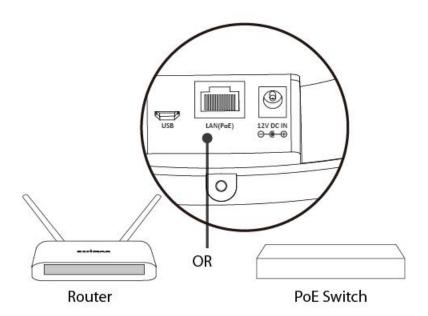
Используйте Local Network и Local Settings (Локальная сеть и Локальные настройки) для конфигурирования контроллера AP.



Прочитайте инструкцию пользователя для получения дополнительной информации.

IV. Физическая установка

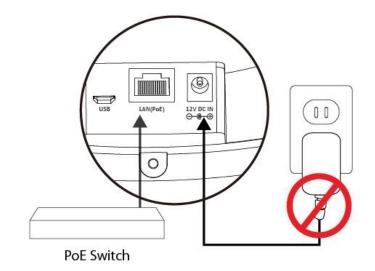
1.Присоедините Ethernet кабелем **LAN** порт точки доступа к маршрутизатору или РоЕ коммутатору.



- **2.** При подключении к маршрутизатору, присоедините адаптер питания к 12В гнезду питания точки доступа и воткните адаптер в электророзетку.
- **3.** При подключении к PoE (Power over Ethernet) коммутатору нет необходимости в использовании адаптера питания, питание будет получено от PoE коммутатора.



Не используйте адаптер питания при подключении к РоЕ коммутатору.





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The product you have purchased and the setup screen may appear slightly different from those shown in this QIG. The software and specifications are subject to change without notice. Please visit our website www.edimax.com for updates. All brand and product names mentioned in this manual are trademarks and/or registered trademarks of their respective holders.

	AT	BE	BG	HR	CY	CZ	DK
	EE	FI	FR	DE	EL	Ξ	Ш
	IT	LV	LT	LU	MT	NL	PL
	PT	RO	SK	SI	ES	SE	UK

The device is restricted to indoor use only when operating in the 5150 to 5350 MHz frequency range.

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

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

This device complies with Part 15 of the FCC Rules. Operation si 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.

For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible.

This device is restricted to indoor use.

Federal Radiation Exposure Statement

- 1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- 2. 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.

This device is restricted to indoor use.

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)		
2400-2483.5	19.93 dBm		
5150-5250	22.88 dBm		

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

Hereby, Edimax Technology Co., Ltd. declares that the radio equipment type AC1750 Ceiling Mount 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 requesitos essênciais 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.



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 Directive.

Equipment: AC1750 Ceiling Mount AP

Model No.: CAP1750

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 : Draft EN 301 489-1 V2.2.0 (2017-03)

Draft EN 301 489-17 V3.2.0 (2017-03)

EMF : EN 62311:2008

Safety (LVD) : IEC 62368-1:2014 (2nd Edition) and/or EN 62368-1:2014+A11:2017

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Printed Name: David Huang
Title: Director

Edimax Technology Europe B.V.

Date of Signature: Nov., 2020

Signature:

Printed Name: Albert Chang

Title: Director

Edimax Technology Co., Ltd.

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