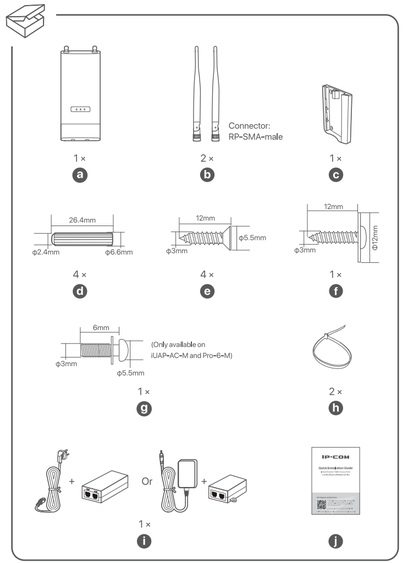
IP-COM

Quick Installation Guide

Indoor/Outdoor Wi-Fi Access Point

iUAP-AC-M&Pro-6-M&Pro-7-M



Get Support and Services

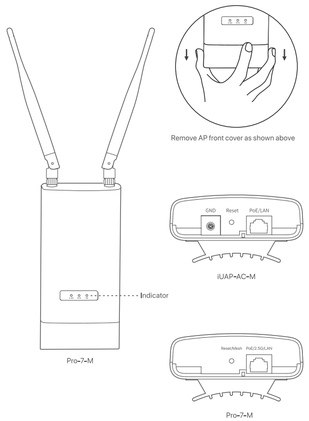
For Symbols on Products and Materials, and more details, scan the QR code or visit **www.ip-com.com.cn**, then search by model. The product name and model can be found on the back of the AP.

https://www.ip-com.com.cn/en/service/default.html

Pro-7-M is used for illustration here unless otherwise specified. The actual product prevails.

Indicators/Buttons/Ports

The indicators, buttons and ports may vary with AP models. Please refer to the actual product you purchased. iUAP-AC-M and Pro-7-M are used for illustration in the following figures.



Indicators	Status	Description
SYS System Indicator	Blinking white (iUAP-AC-M)	The AP is starting up.
	Solid white (Pro-6-M/Pro-7-M)	
	Solid white (iUAP-AC-M)	The AP is waiting to be managed by a controller (such as ProFi Software Controller, IP-COM ProFi App, IP-COM ProFi Cloud, an IP-COM AP controller (AC), or an IP-COM router with AP management function).
	Blinking white (Pro-6-M/Pro-7-M)	
	Solid blue	The AP is managed by a controller and is working properly.
	Fast blinking blue	The AP **Locate** feature was activated in the ProFi Software Controller, IP-COM ProFi App or IP-COM ProFi Cloud.
	Slowly blinking blue (iUAP-AC-M/Pro-6-M)	The Wi-Fi of the AP is disabled.
	Alternating white/blue	The AP is busy (for example, upgrading firmware). Do not cut off the power.
2.4G/5G Signal Indicator	Blinking	2.4G/5G Wi-Fi is enabled.
	Off	2.4G/5G Wi-Fi is disabled.

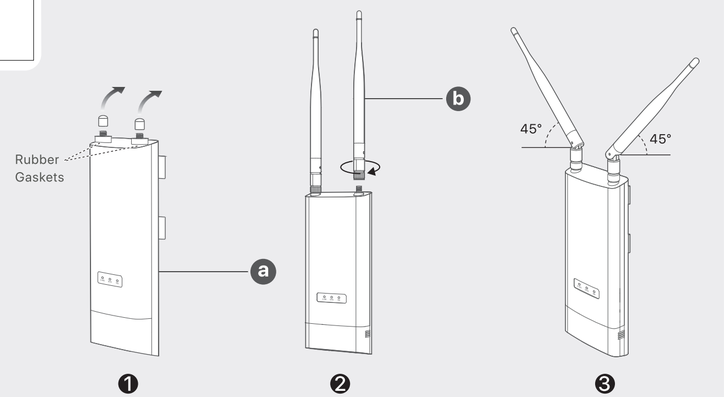
GND/Buttons/Ports	Description
GND	Use the included grounding screw to connect the grounding cord to this terminal for lightning and ESD protection.
Reset Reset/Mesh	For the reset method, refer to **Q4** in the **FAQ**.
PoE/LAN PoE/2.5G/LAN	Connect to a PoE power supply device compliant with IEEE 802.3af (iUAP-AC-M) or IEEE 802.3at (Pro-6-M/Pro-7-M).

1



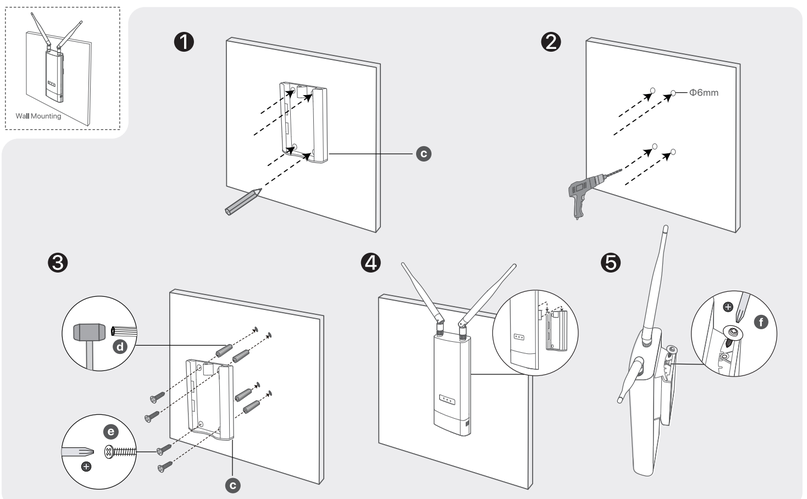


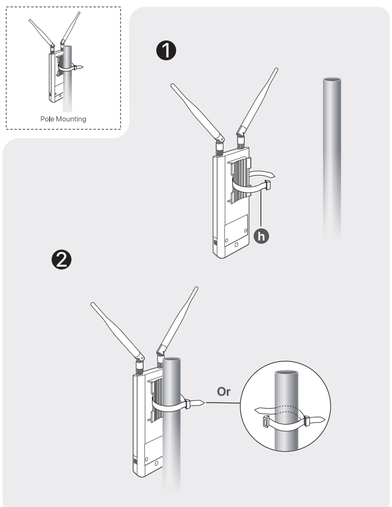
1.1 Install the Antenna



1.2 Install the AP

Before installation, remove the front cover of the AP and record its MAC address and installation location for positioning and Wi-Fi check.

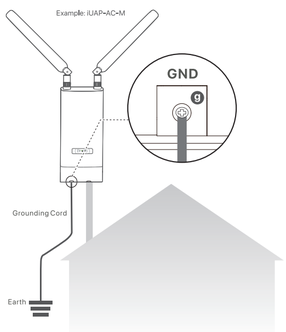




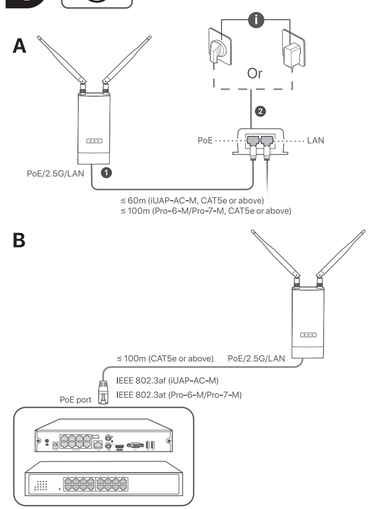
2 Lightning and ESD Protection

This charter is only available on iUAP-AC-M and Pro-6-M.
Connect the GND terminal of the AP to a grounding terminal connected to the earth or building to protect the AP from overvoltage and overcurrent caused by lightning and ESD.

1. Connect one side of a grounding cord to the GND terminal of the AP using the grounding screw.
2. Remove the ground wire notch of the port cover and pass the ground wire, then place back the port cover.
3. Connect the other side of the grounding cord to the grounding terminal connected to the earth or building.



3

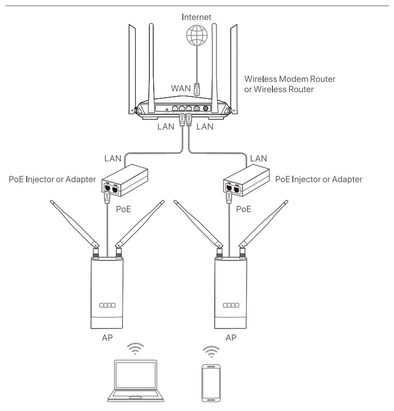


4

Tips:

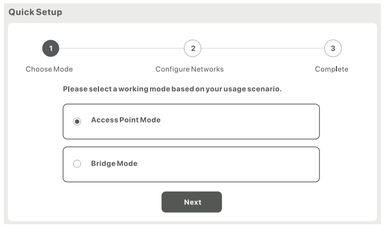
For small networks such as single-family house networks or small office networks, connect all devices according to the following topology diagram.

Modify the Wi-Fi name and password of the AP to be the same as those of the wireless modem router or wireless router by following the steps below.



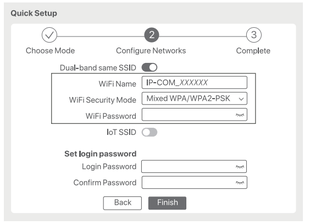
Use Web Browser

1. Connect your Wi-Fi-enabled device to the AP using the default Wi-Fi names (SSIDs) **IP-COM_*XXXXXX*** and **IP-COM_*XXXXXX*_5G** (***XXXXXX*** is the last six digits of the MAC address on the AP label after removing the front cover).
   If **Unsecured Network** prompts on the page, ignore it.
2. Wait for the web UI of the AP to pop up automatically on the device. If it does not appear, open a web browser and enter **http://ipcwifi.com** in the address bar.
3. Set the working mode of the AP, which is **Access Point Mode** in this example. And click **Next**.

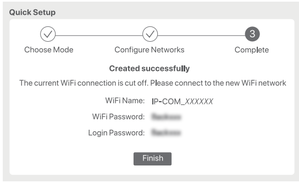


4. Set the **WiFi Name**, **WiFi Security Mode** and **WiFi Password** the same as the existing wireless modem router or wireless router, and set a **Login Password** for the AP. Then click **Finish**.

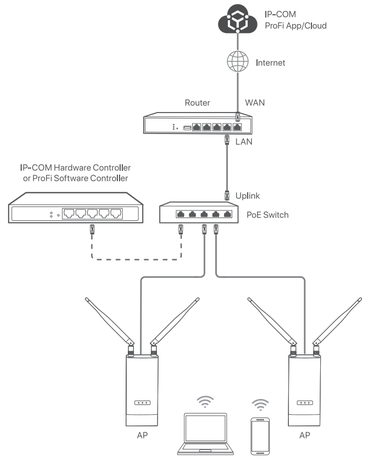
Note
For initial setup or after a reset, set new login and Wi-Fi passwords for privacy and security (The longer the password, the stronger the protection). The character limit and composition rules for passwords are subject to software user interface prompts.



5. If the following information is displayed, the quick setup is finished. Please reconnect to your new Wi-Fi with the new Wi-Fi password and check whether you can access the Internet.



Tips:
For large networks, connect all devices according to the following topology diagram. Take IP-COM ProFi App V1.9.20 as an example. Set up the APs by following the steps below. If you use the IP-COM ProFi App to set up the APs, ensure that the APs have successfully connected to the Internet.



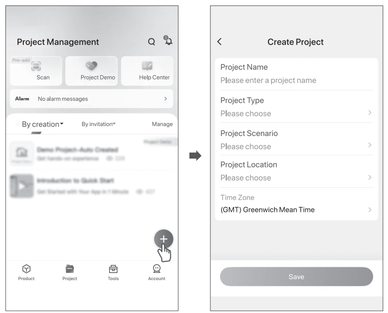
Use IP-COM ProFi App

1.Get the **IP-COM ProFi** from **Google Play**, **App Store**, or via QR code.

Or

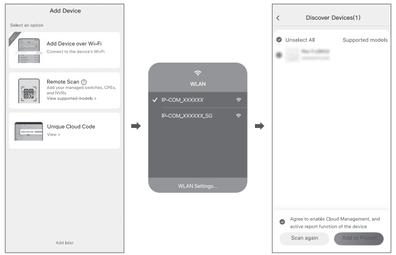
IP-COM ProFi

2. Open the App, then tap an existing project or create a new one to add the AP. Here, take the creation of a new project as an example.
   1) Tap ⊕ to create a project.
   2) Set a **Project Name**, select a **Project Type**, **Project Scenario**, **Project Location** and **Time Zone**, and tap **Save** to go to the next step.

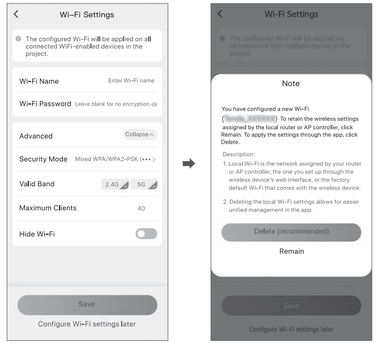


3) Tap **Add Device over Wi-Fi**, and connect your mobile device to the AP using the default Wi-Fi names (SSIDs) **IP-COM_*XXXXXX*** and **IP-COM_*XXXXXX*_5G** (***XXXXXX*** is the last six digits of the MAC address on the AP label after removing the front cover).

4) Select the AP to add to the project when the AP is detected, and tap **Add to Project**.



3. Create a new Wi-Fi network for all Wi-Fi-enabled devices in the project. Set the **Wi-Fi Name**, **Wi-Fi Password** and **Security Mode** the same as the existing wireless modem router or wireless router, and set other parameters as required. Tap **Save** and then delete the AP's local Wi-Fi (default Wi-Fi: **IP-COM_*XXXXXX*** and **IP-COM_*XXXXXX*_5G**).



After the configuration is completed, please reconnect to your new Wi-Fi with the new Wi-Fi password and check whether you can access the Internet.

Use IP-COM Hardware Controller

IP-COM hardware controller is an IP-COM AP controller or IP-COM router with AP management function. If there is an IP-COM hardware controller in the LAN, you can manage the APs in batches using the hardware controller. For details, get the user guide of the hardware controller of the model on **www.ip-com.com.cn**.

Use ProFi Software Controller

Visit **www.ip-com.com.cn** to download ProFi Software Controller to your computer for management. For details, get the user guide of the **ProFi Software Controller** on **www.ip-com.com.cn**.

FAQ

Q1: I cannot log in to the web UI of the AP by visiting http://ipcwifi.com. What should I do?

A1:

- Ensure that the AP is working properly and the Wi-Fi-enabled device is connected to the correct Wi-Fi.
- Try to use the IP address to log in to the web UI of the AP.
  - Log in with **10.16.16.169**: Set the IP address (10.16.16.*X*, *X* ranges from 1 to 254 and is unused) of the Wi-Fi-enabled or wired devices to the IP address within the same network segment as the AP.
  - Log in with a new IP address: If the AP obtains an IP address from the DHCP server, you can first check the new IP address from the DHCP server, and then use it to log in. If not, use **192.168.0.254** to log in to the web UI of the AP.
- Clear the cache of your web browser or replace the web browser, and try logging in again.
- Refer to **Q4** to reset the AP.

Q2: The IP-COM ProFi App fails to add the AP to a project. What should I do?

A2:

- Ensure that the Internet where the AP is deployed is connected.
- Ensure that the IP-COM ProFi App and AP firmware are the latest versions.
- Reboot the AP.
- Refer to **Q4** to reset the AP.

Q3: The IP-COM controller fails to detect the AP. What should I do?

A3:

- Ensure that the physical connections are correct and the AP has started up properly.
- If VLAN exists in the network, ensure that the controller is in the same VLAN as the AP.
- Reboot the AP.
- Ensure that the firmware of the controller and the AP is the latest version on **www.ip-com.com.cn**.
- Refer to **Q4** to reset the AP.

Q4: How to reset the AP?

A4: When the AP is idle, hold down the reset button (**Reset** or **Reset/Mesh**) for about 8 seconds. Wait for about 1 minute until the AP is reset successfully.

Safety Precautions

Before operating, read and follow these precautions to prevent accidents.

- Device operating temperature: -30℃-50℃ (-22℉-122℉, iUAP-AC-M); -30℃-60℃ (-22℉-140℉, Pro-6-M/Pro-7-M). Power adapter operating temperature: 0℃-40℃ (32℉-104℉).
- The device can be used safely outdoors. The power adapter or PoE adapter is for indoor safe use only.
- The AP is suitable for mounting at a height of 2-6 meters.
- Do not use the device in a place where wireless devices are not allowed.
- Use a power adapter, PoE adapter or PoE power supply device that meets required specifications. Immediately discontinue use if damage is observed.
- If the device uses a power adapter or PoE adapter, the mains plug is used as the disconnect device, and shall remain readily operable. The power socket shall be installed near the device and easily accessible.
- The device is waterproof, but avoid prolonged water immersion for safety and durability.
- Keep the device away from heat sources, high electric field, high magnetic field, and inflammable and explosive items.
- If such phenomena as smoke, abnormal sound or smell appear when you use the device, immediately stop using it and disconnect its power supply, unplug all connected cables, and contact the after-sales service personnel.
- Disassembling or modifying the device or its accessories without authorization voids the warranty, and might cause safety hazards.
- Refer all servicing to qualified service personnel.
- Disconnect the power source during servicing.

For the latest safety precautions, see **Safety and Regulatory Information** on **www.ip-com.com.cn**.

CE Mark Warning

This is a Class A product.
Warning: Operation of this equipment in a residential environment could cause radio interference.
In which case the user may be required to take adequate measures.
This equipment should be installed and operated with a minimum distance of 20 cm between the device and your body.
NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Declaration of Conformity
Hereby, SHENZHEN IP-COM NETWORKS CO., LTD. declares that the device (Access Point) 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://ip-com.com.cn/en/ce.html

English: Operating Frequency/Max Output Power **Deutsch**: Betriebsfrequenz/Max. Ausgangsleistung **Italiano**: Frequenza operativa/Potenza di uscita massima **Español**: Frecuencia operativa/Potencia de salida máxima **Português**: Frequência de Funcionamento/Potência Máxima de Saída **Français**: Fréquence de fonctionnement/Puissance de sortie maximale **Nederlands**: Bedrijfsfrequentie/Maximaal uitgangsvermogen **Svenska**: Driftsfrekvens / Max Uteffekt **Dansk**: Driftsfrekvens/Maks. Udgangseffekt **Suomi**: Toimintataajuus/maksimilähtöteho **Magyar**: Működési frekvencia/Maximális kimeneti teljesítmény **Polski**: Częstotliwość pracy / Maksymalna moc wyjściowa **Čeština**: Provozní frekvence/maximální výstupní výkon **Ελληνικά**: Συχνότητα Λειτουργίας/Μέγιστη Ισχύς Εξόδου **Română**: Frecvența de funcționare/Puterea maximă de ieșire **Български**: Работна честота/максимална изходна мощност **Eesti**: Töösagedus/Max väljundvõimsus **Slovenščina**: Delovna frekvenca/Največja izhodna moč **Slovenčina**: Prevádzková frekvencia/maximálny výstupný výkon **Hrvatski**: Radna frekvencija/Maksimalna izlazna snaga **Latviešu**: Operējošās frekvences/ Maksimālā jauda **Lietuvių**: Darbinis dažnis / maksimali išėjimo galia **Türkçe**: Çalışma Frekansı/Maks. Çıkış Gücü **Русский**: Рабочая частота/макс. выходная мощность **عربي**: تردد التشغيل / الحد الأقصى لطاقة الإخراج	2412MHz-2472MHz/20dBm 5150MHz-5250MHz (indoor use only)/23dBm (iUAP-AC-M) 5150MHz-5350MHz (indoor use only)/23dBm (Pro-6-M/Pro-7-M) 5470MHz-5725MHz/27dBm (Pro-6-M/Pro-7-M)

AT	BE	BG	CH	CY	CZ	DE	DK	EE	EL	ES	FI	FR	HR	HU	IE	IS	IT	LI	LT
LU	LV	MT	NL	NO	PL	PT	RO	SE	SI	SK	UK(NI)	UK							

English–Attention: In EU member states, EFTA countries, Northern Ireland and Great Britain, the operation in the frequency range 5150MHz~5350MHz (Pro-6-M/Pro-7-M) and 5150MHz~5250MHz (iUAP-AC-M) is only permitted indoors.
Deutsch–Achtung: In den EU-Mitgliedsstaaten, den EFTA-Ländern, Nordirland und Großbritannien ist der Betrieb im Frequenzbereich 5150MHz~5350MHz (Pro-6-M/Pro-7-M) und 5150MHz~5250MHz (iUAP-AC-M) nur in Innenräumen erlaubt.
Italiano–Attenzione: Negli Stati membri dell'UE, nei Paesi EFTA, nell'Irlanda del Nord e in Gran Bretagna, il funzionamento nella gamma di frequenze 5150MHz~5350MHz (Pro-6-M/Pro-7-M) e 5150MHz~5250MHz (iUAP-AC-M) è consentito solo in ambienti chiusi.
Español–Atención: En los estados miembros de la UE, los países de la AELC, Irlanda del Norte y Gran Bretaña, el rango de frecuencia operativa de 5150MHz~5350MHz (Pro-6-M/Pro-7-M) y 5150MHz~5250MHz (iUAP-AC-M) solo está permitido en interiores.
Português–Atenção: Nos estados membros da UE, países da EFTA, Irlanda do Norte e Grã-Bretanha, o funcionamento na gama de frequências 5150MHz~5350MHz (Pro-6-M/Pro-7-M) e 5150MHz~5250MHz (iUAP-AC-M) só é permitido no interior.
Français–Attention: Dans les États membres de l'UE, les pays de l'AELE, l'Irlande du Nord et la Grande-Bretagne, l'utilisation dans la gamme de fréquences 5150MHz~5350MHz (Pro-6-M/Pro-7-M) et 5150MHz~5250MHz (iUAP-AC-M) n'est autorisée qu'en intérieur.
Nederlands–Aandacht: In de EU-lidstaten, de EVA-landen, Noord-Ierland en Groot-Brittannië is gebruik in het 5150MHz~5350MHz (Pro-6-M/Pro-7-M) en 5150MHz~5250MHz (iUAP-AC-M) frequentiebereik alleen binnenshuis toegestaan.
Svenska–Uppmärksamhet: I EU-medlemsstater, EFTA-länderna, Nordirland och Storbritannien är det endast tillåtet att använda frekvensområdet 5150MHz~5350MHz (Pro-6-M/Pro-7-M) och 5150MHz~5250MHz (iUAP-AC-M) inomhus.
Dansk–Bemærk: I EU-medlemslandene, EFTA-landene, Nordirland og Storbritannien er drift i frekvensområdet 5150MHz~5350MHz (Pro-6-M/Pro-7-M) og 5150MHz~5250MHz (iUAP-AC-M) kun tilladt indendørs.
Suomi–Huom: EU-maissa, EFTA-maissa sekä Isossa-Britanniassa ja Pohjois-Irlannissa taajuusalueella 5150MHz~5350MHz (Pro-6-M/Pro-7-M) ja 5150MHz~5250MHz (iUAP-AC-M) on sallittua käyttää ainoastaan sisätiloissa.
Magyar–Figyelem: Az EU-tagállamokban, az EFTA-országokban, Észak-Írországban és Nagy-Britanniában az 5150MHz~5350MHz (Pro-6-M/Pro-7-M) és az 5150MHz~5250MHz (iUAP-AC-M) frekvenciatartományban való működtetés csak beltéren engedélyezett.
Polski–Uwaga: W państwach członkowskich UE, krajach Europejskiego Stowarzyszenia Wolnego Handlu (EFTA), Irlandii Północnej i Wielkiej Brytanii praca w zakresie częstotliwości 5150MHz~5350MHz (Pro-6-M/Pro-7-M) i 5150MHz~5250MHz (iUAP-AC-M) jest dozwolona tylko w pomieszczeniach.
Čeština–Pozor: V členských státech EU, zemích ESVO, Severním Irsku a Velké Británii je provoz ve frekvenčním rozsahu 5150MHz~5350MHz (Pro-6-M/Pro-7-M) a 5150MHz~5250MHz (iUAP-AC-M) povolen pouze v interiéru.
Ελληνικά–Προσοχή: Στα κράτη μέλη της ΕΕ, στις χώρες της ΕΖΕΣ, στη Βόρεια Ιρλανδία και στη Μεγάλη Βρετανία, η λειτουργία στην περιοχή συχνοτήτων 5150MHz~5350MHz (Pro-6-M/Pro-7-M) α 5150MHz~5250MHz (iUAP-AC-M) επιτρέπεται μόνο σε εσωτερικούς χώρους.
Română–Atenție: În statele membre UE, țările EFTA, Irlanda de Nord și Marea Britanie, operarea în intervalul de frecvență 5150MHz~5350MHz (Pro-6-M/Pro-7-M) și 5150MHz~5250MHz (iUAP-AC-M) este permisă numai în interior.
Български–Внимание: В страните-членки на ЕС, страните от ЕАСТ, Северна Ирландия и Великобритания, работата в честотния диапазон 5150MHz~5350MHz (Pro-6-M/Pro-7-M) и 5150MHz~5250MHz (iUAP-AC-M) е разрешена само на закрито.
Eesti–Tähelepanu: EL-i liikmesriikides, EFTA riikides, Põhja-Iirmaalija Suurbritannias on sagedusvahemikus 5150MHz~5350MHz (Pro-6-M/Pro-7-M) ja 5150MHz~5250MHz (iUAP-AC-M) kasutamine lubatud ainult siseruumides.
Slovenščina–Pozor: V državah članicah EU, državah EFTA, Severni Irski in Veliki Britaniji je delovanje v frekvenčnem območju 5150MHz~5350MHz (Pro-6-M/Pro-7-M) in 5150MHz~5250MHz (iUAP-AC-M) dovoljeno samo v zaprtih prostorih.
Slovenčina–Pozor: V členských štátoch EÚ, krajinách EFTA, Severnom Írsku a Veľkej Británii je prevádzka vo frekvenčnom pásme 5150MHz~5350MHz (Pro-6-M/Pro-7-M) a 5150MHz~5250MHz (iUAP-AC-M) povolená len v interiéri.

Hrvatski–Pozornost: U državama članicama EU, zemljama EFTA-e, Sjevernoj Irskoj i Velikoj Britaniji, rad u frekvencijskom rasponu od 5150MHz~5350MHz (Pro-6-M/Pro-7-M) i 5150MHz~5250MHz (iUAP-AC-M) dopušten je samo u zatvorenom prostoru.
Latviešu–Uzmanību: ES valstīs, EBTA valstīs, Ziemeļīrijā un Lielbritānijā, operēšana iekštelpās ir atļauta tikai 5150MHz~5350MHz (Pro-6-M/Pro-7-M) ir 5150MHz~5250MHz (iUAP-AC-M) diapazonā.
Lietuvių–Dėmesio: ES valstybėse narėse, ELPA šalyse, Šiaurės Airijoje ir Didžiojoje Britanijoje 5150MHz~5350MHz (Pro-6-M/Pro-7-M) in 5150MHz~5250MHz (iUAP-AC-M) dažnių diapazone leidžiama veikti tik patalpose.
Íslenska–Athugið: Í aðildarríkjum ESB, EFTA-löndum, Norður-Írlandi og Bretlandi er rekstur á tíðnisviðinu 5150MHz~5350MHz (Pro-6-M/Pro-7-M) og 5150MHz~5250MHz (iUAP-AC-M) aðeins leyfður innandyra.
Norsk-OBS: I EUs medlemsland, EFTA-land, Nord-Irland og Storbritannia er drift i frekvensområdet 5150MHz~5350MHz (Pro-6-M/Pro-7-M) in 5150MHz~5250MHz (iUAP-AC-M) kun tillatt innendørs.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

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.

Radiation Exposure Statement
This device complies with FCC radiation exposure limits set forth for an uncontrolled environment and it also complies with Part 15 of the FCC RF Rules.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
This equipment should be installed and operated with a minimum distance of 20 cm between the device and your body.

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

Operating frequency:
2412~2462MHz, 5180~5240MHz, 5745~5825MHz (iUAP-AC-M)
2412~2462MHz, 5180~5320MHz, 5745~5825MHz (Pro-6-M/Pro-7-M)

NOTE: (1) The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. (2) To avoid unnecessary radiation interference, it is recommended to use a shielded RJ45 cable.

Australia Cyber Security SoC
Australia Cyber Security SoC is available at the following internet address:
https://ip-com.com.cn/au/service/page/CyberSecuritySoC.html

Australia Cyber Security SoC

RECYCLING

This product bears the selective sorting symbol for Waste Electrical and Electronic Equipment (WEEE). This means that this product must be handled pursuant to European directive 2012/19/EU in order to be recycled or dismantled to minimize its impact on the environment.
User has the choice to give his product to a competent recycling organization or to the retailer when he buys a new electrical or electronic equipment.

Technical Support
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V2.1 Keep for future reference.