

UniFi® | AP IN-WALL

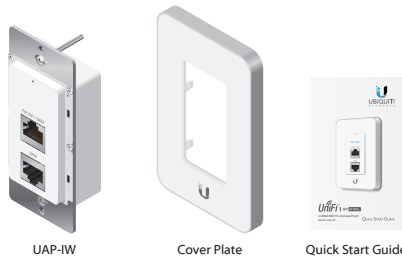
In-Wall Wi-Fi Access Point
Model: UAP-IW

QUICK START GUIDE

Introduction

Thank you for purchasing the Ubiquiti Networks® UniFi® In-Wall Wi-Fi Access Point. This Quick Start Guide is designed to guide you through installation and also includes warranty terms.

Package Contents



TERMS OF USE: It is the customer's responsibility to follow local country regulations, including operation within legal frequency channels, output power, indoor cabling requirements, and Dynamic Frequency Selection (DFS) requirements.

Installation Requirements

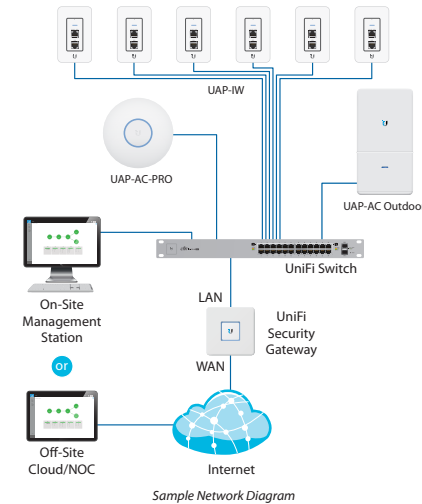
- Pre-installed electrical wall box
- Category 5 (or above) UTP cabling approved for indoor use
- Phillips screwdriver
- UniFi Switch or 802.3af switch

System Requirements

- Microsoft Windows 7/8 or Mac OS X
- Java Runtime Environment 1.6 (or above)
- Web Browser: Mozilla Firefox, Google Chrome, or Microsoft Internet Explorer 8 (or above)

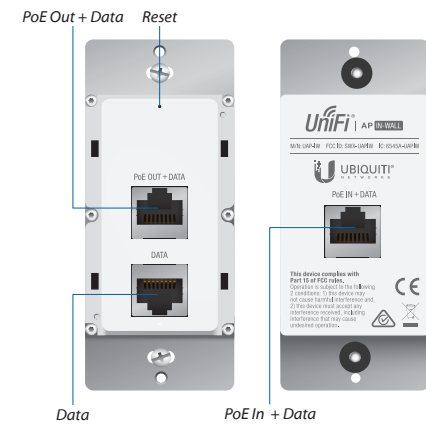
Network Topology Requirements

- A DHCP-enabled network (for the AP to obtain an IP address as well as for the wireless clients after deployment)
- A management station running the UniFi Controller software, located either on-site and connected to the same Layer-2 network, or off-site in a cloud or NOC



All UniFi devices support off-site management controllers. For setup details, see the User Guide on the website: documentation.ubnt.com/unifi

Hardware Overview



PoE Out + Data 10/100 Ethernet port supports data and PoE. Used to connect an 802.3af device to the LAN.

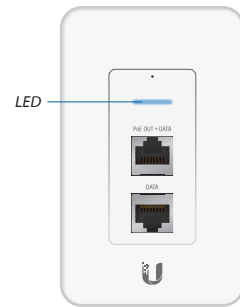
Data 10/100 Ethernet port supports data only. Used to connect a client device to the LAN.

PoE In + Data 10/100 Ethernet port supports data and PoE. Connect this port to the LAN and DHCP server via an 802.3af switch.

Reset The Reset button serves two functions for the UAP-IW:

- **Restart** Press and release the Reset button quickly.
- **Restore to Factory Default Settings** Press and hold the Reset button for more than five seconds.

LED



LED Color	Status
White	Factory default, waiting to be integrated.
Flashing White	Initializing.
Alternating White/Blue	Device is busy; do not touch or unplug it. This usually indicates that a process such as a firmware upgrade is taking place.
Blue	Indicates the device has been successfully integrated into a network and is working properly.
Quickly Flashing Blue	This is used to locate an AP. When you click Locate in the UniFi Controller software, the AP will flash. It will also display the location of the AP on the map.
Steady Blue with occasional flashing	Indicates the device is in an isolated state (all WLANs are brought down until an uplink is found).

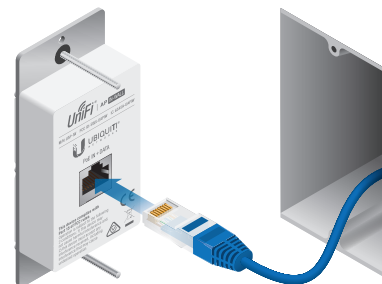
Hardware Installation

An electrical wall box should be pre-installed with an Ethernet cable running from the box to an 802.3af switch.

1. Detach the Cover Plate from the UAP-IW.

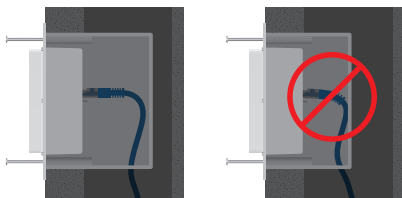


2. Connect the Ethernet cable in the wall box to the port labeled **PoE IN + DATA**.



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3. Place the UAP-IW in the wall box and properly position the cable to ensure the Ethernet connection is not strained.



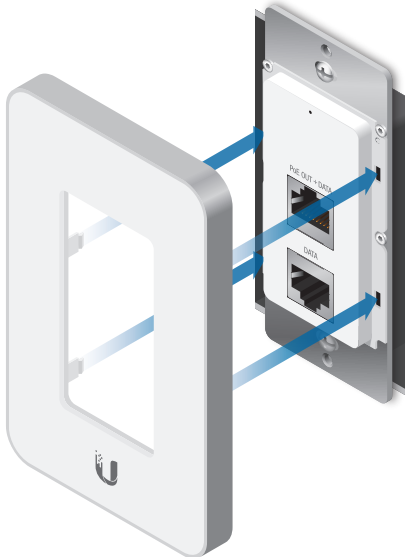
Note: If the wall box does not have enough room to accommodate the UAP-IW without straining the Ethernet connection, replace the wall box with an open-end or deeper box.

4. Fasten the top and bottom screws. Adjust the screws to ensure the mounting plate is flush with the wall for proper fitting of the Cover Plate.



Note: Do not over-tighten or rely on the force of the screws to pull the UAP-IW into the wall box.

5. Attach the Cover Plate. Press the Cover Plate into position until the four mounting clips snap into place. If you are using your own cover plate, secure it with two screws.

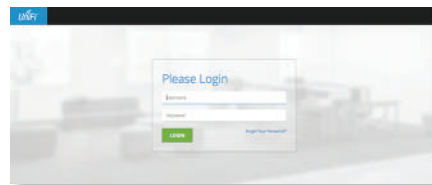


Software Installation

Download and install the latest version of the UniFi Controller software at: downloads.ubnt.com/unifi

Launch the software and follow the on-screen instructions. Step-by-step instructions are available in the User Guide located on our website: documentation.ubnt.com/unifi

After you have installed the software and run the UniFi Installation Wizard, a login screen will appear for the UniFi Controller management interface. Enter the Admin Name and Password that you created and click **Login**.



You can manage your wireless network and view network statistics using the UniFi Controller management interface. For information on configuring and using the UniFi Controller software, refer to the User Guide.

Specifications

UAP-IW	
Dimensions	114.6 x 70.6 x 28.5 mm (4.51 x 2.78 x 1.12")
Weight	117 g (4.127 oz)
Networking Interface	(3) 10/100 Ethernet Ports
Button	Reset
Operating Band	2.4 GHz
Antenna Gain	1 dBi
Max. Data Speed	150 Mbps
Max. Range	25 m (82')
Wi-Fi Standards	802.11 b/g/n
Power Method	PoE 802.3af
Max. Power Consumption	6W
Max. TX Power	17 dBm
Power Save	Supported
Wireless Security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)
Certifications	CE, FCC, IC
VLAN	802.1Q
Advanced QoS	Per-User Rate Limiting
Guest Traffic Isolation	Supported
Concurrent Clients	100+
Mounting	1-Gang Electrical Wall Box (Not Included)
Operating Temperature	-10 to 70° C (14 to 158° F)
Operating Humidity	5 to 95% Noncondensing

Safety Notices

1. Read, follow, and keep these instructions.
 2. Heed all warnings.
 3. Only use attachments/accessories specified by the manufacturer.
- WARNING:** Do not use this product in location that can be submerged by water.

Electrical Safety Information

1. Compliance is required with respect to voltage, frequency, and current requirements indicated on the manufacturer's label. Connection to a different power source than those specified may result in improper operation, damage to the equipment or pose a fire hazard if the limitations are not followed.
2. There are no operator serviceable parts inside this equipment. Service should be provided only by a qualified service technician.

Limited Warranty

UBIQUITI NETWORKS, Inc ("UBIQUITI NETWORKS") warrants that the product(s) furnished hereunder (the "Product(s)") shall be free from defects in material and workmanship for a period of one (1) year from the date of shipment by UBIQUITI NETWORKS under normal use and operation. UBIQUITI NETWORKS' sole and exclusive obligation and liability under the foregoing warranty shall be for UBIQUITI NETWORKS, at its discretion, to repair or replace any Product that fails to conform to the above warranty during the above warranty period. The expense of removal and reinstallation of any Product is not included in this warranty. The warranty period of any repaired or replaced Product shall not extend beyond its original term.

Warranty Conditions

The above warranty does not apply if the Product:

- (I) has been modified and/or altered, or an addition made thereto, except by Ubiquiti Networks, or Ubiquiti Networks' authorized representatives, or as approved by Ubiquiti Networks in writing;
- (II) has been painted, rebranded or physically modified in any way;
- (III) has been damaged due to errors or defects in cabling;
- (IV) has been subjected to misuse, abuse, negligence, abnormal physical, electromagnetic or electrical stress, including lightning strikes, or accident;
- (V) has been damaged or impaired as a result of using third party firmware;
- (VI) has no original Ubiquiti MAC label, or is missing any other original Ubiquiti label(s); or
- (VII) has not been received by Ubiquiti within 30 days of issuance of the RMA.

In addition, the above warranty shall apply only if: the product has been properly installed and used at all times in accordance, and in all material respects, with the applicable Product documentation; all Ethernet cabling runs use CAT5 (or above), and for outdoor installations, shielded Ethernet cabling is used, and for indoor installations, indoor cabling requirements are followed.

Returns

No Products will be accepted for replacement or repair without obtaining a Return Materials Authorization (RMA) number from UBIQUITI NETWORKS during the warranty period, and the Products being received at UBIQUITI NETWORKS' facility/freight prepaid in accordance with the RMA process of UBIQUITI NETWORKS. Products returned without an RMA number will not be processed and will be returned freight collect or subject to disposal. Information on the RMA process and obtaining an RMA number can be found at: www.ubnt.com/support/warranty.

RF Exposure Warning

The antennas used for this transmitter must be installed to provide a separation distance of at least 5cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter, except as listed for this product's certification.

Les antennes utilisées pour ce transmetteur doivent être install   en consid  rant une distance de s  paration de toute personne d'au moins 20cm et ne doivent pas   tre localis  e ou utilis  e en conflit avec tout autre antenne ou transmetteur.

CE Marking

CE marking on this product represents the product is in compliance with all directives that are applicable to it.



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EXCEPT TO THE EXTENT PROHIBITED BY LOCAL LAW, IN NO EVENT WILL UBIQUITI OR ITS SUBSIDIARIES, AFFILIATES OR SUPPLIERS BE LIABLE FOR DIRECT, SPECIAL, INCIDENTAL, CONSEQUENTIAL OR OTHER DAMAGES (INCLUDING LOST PROFIT, LOST DATA, OR DOWNTIME COSTS), ARISING OUT OF THE USE, INABILITY TO USE, OR THE RESULTS OF USE OF THE PRODUCT, WHETHER BASED IN WARRANTY, CONTRACT, TORT OR OTHER LEGAL THEORY, AND WHETHER OR NOT ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Note

Some countries, states and provinces do not allow exclusions of implied warranties or conditions, so the above exclusion may not apply to you. You may have other rights that vary from country to country, state to state, or province to province. Some countries, states and provinces do not allow the exclusion or limitation of liability for incidental or consequential damages, so the above limitation may not apply to you. EXCEPT TO THE EXTENT ALLOWED BY LOCAL LAW, THESE WARRANTY TERMS DO NOT EXCLUDE, RESTRICT OR MODIFY, AND ARE IN ADDITION TO, THE MANDATORY STATUTORY RIGHTS APPLICABLE TO THE LICENSE OF ANY SOFTWARE (EMBEDDED IN THE PRODUCT) TO YOU. The United Nations Convention on Contracts for the International Sale of Goods shall not apply to any transactions regarding the sale of the Products.

Compliance

FCC

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

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.

NOTE: 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. Operations 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.

Industry Canada

CAN ICES-3(A)/NMB-3(A)

This Class [A] digital apparatus complies with Canadian CAN ICES-003.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that permitted for successful communication.

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

1. This device may not cause interference, and
2. This device must accept any interference, including interference that may cause undesired operation of the device.

CAN ICES-3(A)/NMB-3(A)

Cet appareil num  rique de la classe [A] est conforme    la norme NMB-003 du Canada.

Pour r  duire le risque d'interf  rence aux autres utilisateurs, le type d'antenne et son gain doivent   tre choisies de fa  on que la puissance isotrope rayonn  e   quivalente (PIRE) ne d  passe pas ce qui est n  cessaire pour une communication r  ussie.

Cet appareil est conforme    la norme RSS Industrie Canada exempts de licence norme(s). Son fonctionnement est soumis aux deux conditions suivantes:

1. Cet appareil ne peut pas provoquer d'interf  rences et
2. Cet appareil doit accepter toute interf  rence, y compris les interf  rences qui peuvent causer un mauvais fonctionnement du dispositif.

Declaration of Conformity

��esky [Czech]	UBIQUITI NETWORKS timto prohla��uje, ��e toto UBIQUITI NETWORKS za��izen��, je ve shod se z��kladn��mi po��adavky a dal��шими pr��slu��n��mi ustanoven��mi sm��rnice 1999/5/ES.
Dansk [Danish]	Hermed, UBIQUITI NETWORKS, erkl��rer at denne UBIQUITI NETWORKS enhed, er i overensstemmelse med de v��sentlige krav og ��vrige relevante krav i direktiv 1999/5/EF.
Nederlands [Dutch]	Hierbij verklaart UBIQUITI NETWORKS, dat deze UBIQUITI NETWORKS apparaat, in overeenstemming is met de essenti��le eisen en de andere relevante bepalingen van richtlijn 1999/5/EC.
English	Hereby, UBIQUITI NETWORKS, declares that this UBIQUITI NETWORKS device, is in compliance with the essential requirements and other relevant provisions of Directive 1999/5/EC.
Eesti [Estonian]	K��esolevaga UBIQUITI NETWORKS kinnitab, et antud UBIQUITI NETWORKS seade, on vastavus olulistele n��uetele ja teistele asjakohastele s��tetele direktiivi 1999/5/E��.
Suomi [Finnish]	T��ten UBIQUITI NETWORKS vakuuttaa, ett�� t��m�� UBIQUITI NETWORKS laite, on yhdenmukainen olennaisten vaatimusten ja muiden sit�� koskevien direktiivin 1999/5/EF.
Fran��ais [French]	Par la pr��sente UBIQUITI NETWORKS d��clare que l'appareil UBIQUITI NETWORKS, est conforme aux exigences essentielles et aux autres dispositions pertinentes de la directive 1999/5/CE.
Deutsch [German]	Hiermit erkl��rt UBIQUITI NETWORKS, dass sich dieses UBIQUITI NETWORKS Ger��t, in ��bereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinie 1999/5/EG befindet.
��λληνικ�� [Greek]	Δια του παρόντος, UBIQUITI NETWORKS, δηλώνει ��τι αυτή η συσκευή UBIQUITI NETWORKS, είναι σε συμμόρφωση με τις βασικές απαιτήσεις και τις λοιπές σχετικές διατάξεις της οδηγίας 1995/5/ΕΚ.
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Italiano [Italian]	Con la presente, UBIQUITI NETWORKS, dichiara che questo dispositivo UBIQUITI NETWORKS, �� conforme ai requisiti essenziali ed alle altre disposizioni pertinenti della direttiva 1999/5/CE.
Latviski [Latvian]	Ar ��o UBIQUITI NETWORKS, deklar��, ka UBIQUITI NETWORKS ierice, ir s��sk��n�� ar b��tisk��jam pras��b��m un cit��m attiec��jiem noteikumiem Direkt��v�� 1999/5/EK.

Lietuvi��kai [Lithuanian]	UBIQUITI NETWORKS deklaruoja, kad ��is UBIQUITI NETWORKS įrenginys atitinka esminius reikalavimus ir kitas 1999/5/EB Direktivos nuostatas.
Maltese [Maltese]	Hawnhekk, UBIQUITI NETWORKS, tiddiklara li dan il-mezz UBIQUITI NETWORKS huwa konformi mar-rekwi��ziti essenzjali u dispozizzjonijiet rilevanti o��rajn ta' Direttiva 1999/5/EC.
Norsk [Norwegian]	Herved UBIQUITI NETWORKS, erkl��rer at denne UBIQUITI NETWORKS enheten, er i s��msvar med de grunnleggende kravene og andre relevante bestemmelser i direktiv 1999/5/EF.
Slovensky [Slovak]	T��mto UBIQUITI NETWORKS, prehlasuje, ��e toto UBIQUITI NETWORKS zariadenie, je v s��lade so z��kladn��mi po��iadavkami a dal��шими relevantn��mi ustanoveniami smernice 1999/5/ES.
Svenska [Swedish]	H��rmed UBIQUITI NETWORKS, intygat att denna UBIQUITI NETWORKS enhet ��r i ��verensst��mmelse med de v��sentliga egenskapskrav och ��vriga relevanta best��mmelser som framg��r av direktiv 1999/5/EG.
Espan��ol [Spanish]	Por medio de la presente UBIQUITI NETWORKS declara que este dispositivo UBIQUITI NETWORKS, cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de la Directiva 1999/5/CE.
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