

## UAP-IW Quick Start Guide

## Package Contents



UAP-IW



Cover Plate



Rubber Feet

## Installation Requirements



**IMPORTANT:** UniFi Controller v5.x is recommended for managing the UAP-IW and is available for download at: [ui.com/download/unifi](https://ui.com/download/unifi)

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



**IMPORTANT:** The UAP-IW requires a UniFi Switch with PoE for power. Passive PoE adapters are not recommended.

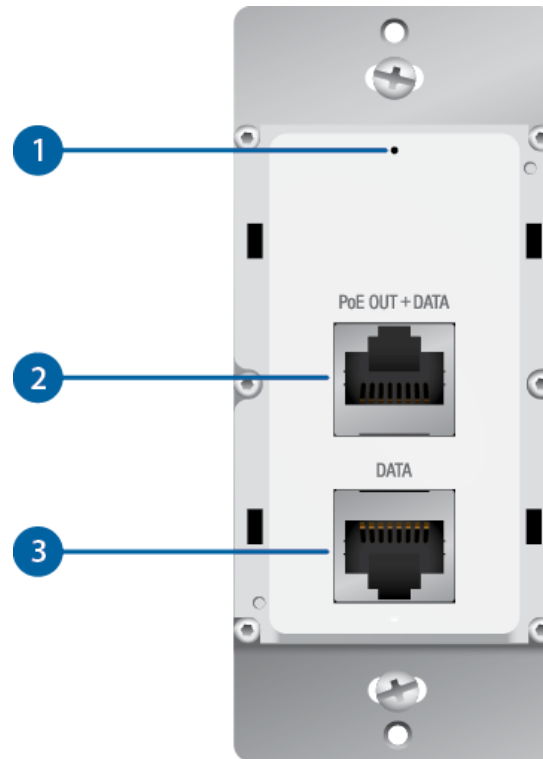
## System Requirements

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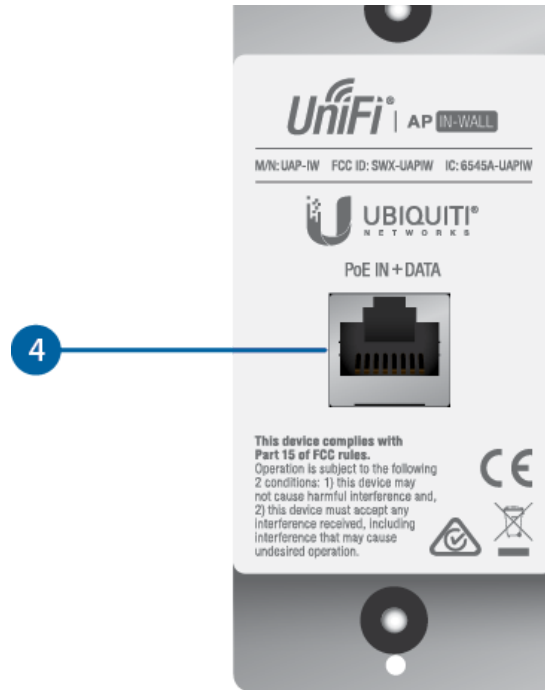
- Java Runtime Environment 10 (10 or newer recommended)
- Web Browser: Google Chrome (Other browsers may have limited functionality)
- UniFi Controller software v5.1.1 or newer, available at: [ui.com/download/unifi](https://ui.com/download/unifi)

## Hardware Overview

### LED



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**1 Reset Button**

The Reset button serves two functions for the UniFi AP:

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

**2 PoE Out + Data Port**

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

**3 Data Port**

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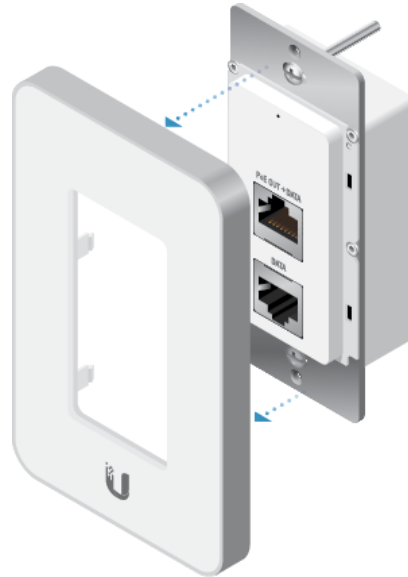
**4 PoE In + Data Port**

10/100 Ethernet port supports data and PoE. Connect this port to a UniFi PoE Switch that is connected to your LAN and DHCP server.

## Hardware Installation

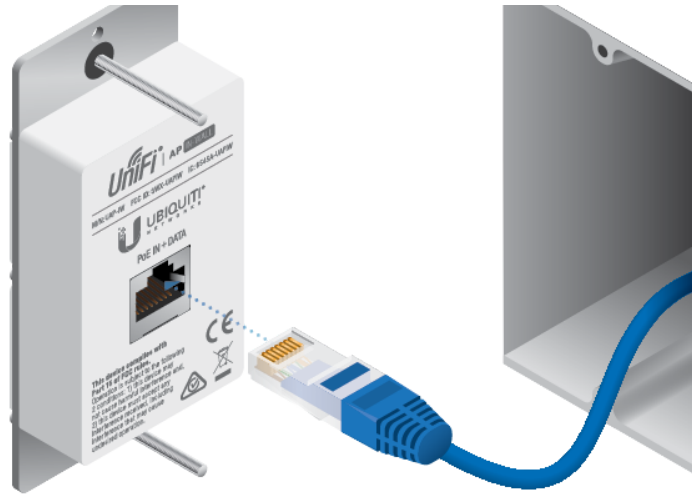
An electrical wall box should be pre-installed with an Ethernet cable running from the box to a UniFi Switch with PoE.

1.

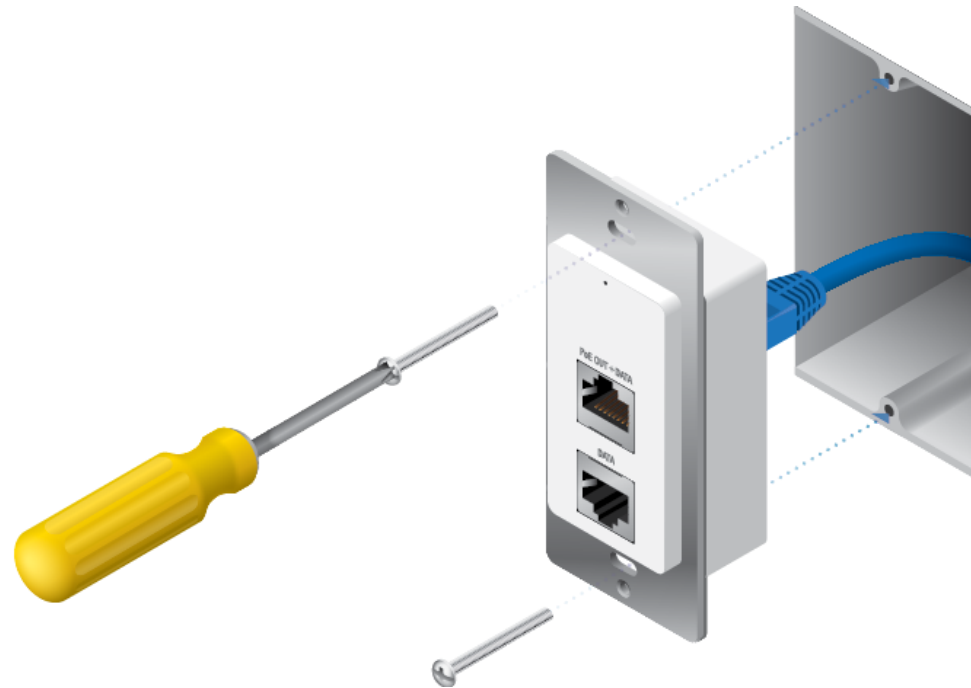


2.

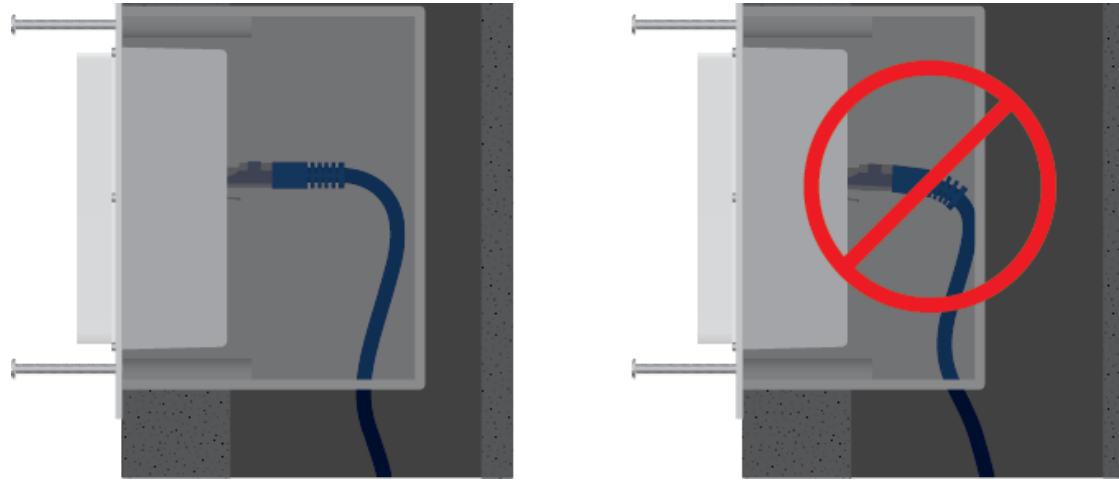
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3.



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**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.

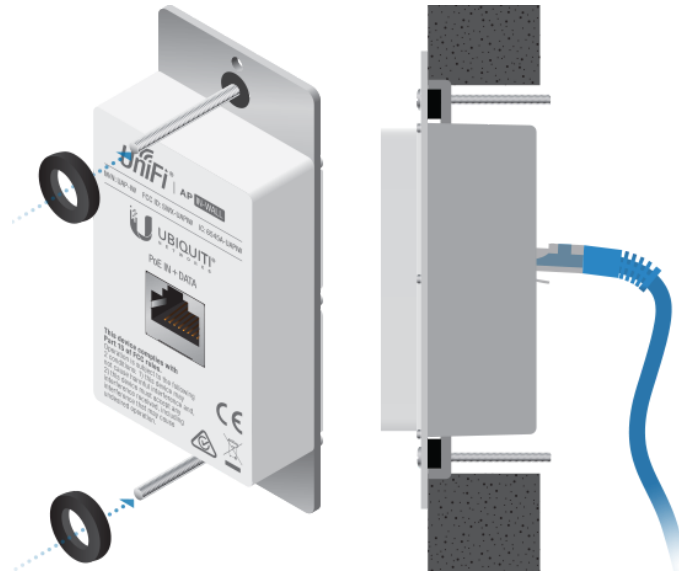


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screws to pull the UAP-IW into the wall box.

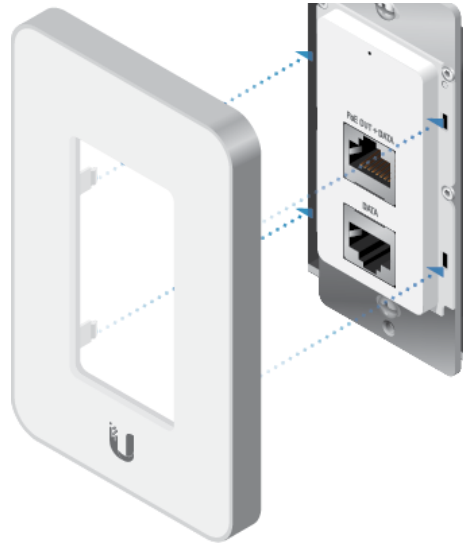
## Optional

If needed, use the optional Rubber Feet to fill in some of the space between the UAP-IW and the threaded mount holes of the wall box.



5.

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**Note:** If you are using your own cover plate, secure it with two screws.

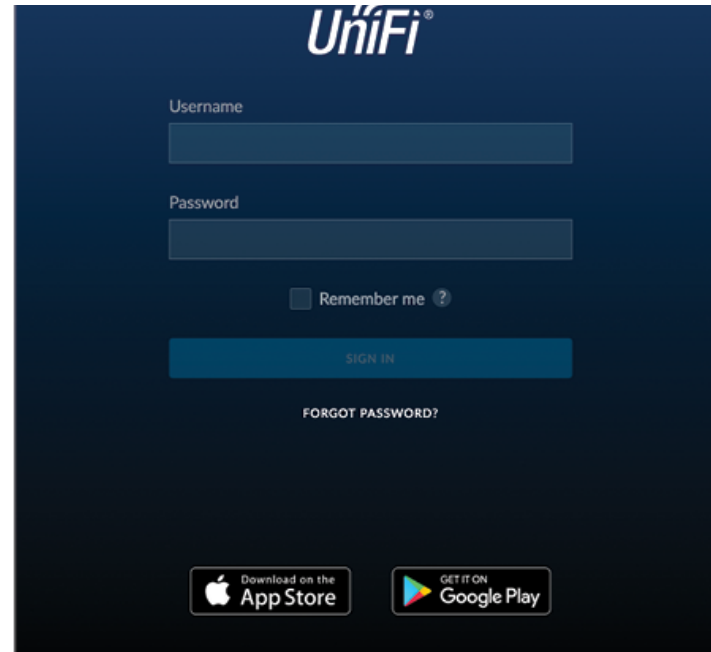
## Software Installation

Download and install the latest version of the UniFi Controller software. Launch it and follow the on-screen instructions. The software and step-by-step instructions in the User Guide are available at: [ui.com/download/unifi](https://ui.com/download/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 username and password that you created and click Sign In.



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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.

## Mobile App Installation

Ubiquiti also offers the UniFi app, which is available from the App Store® (iOS) or Google Play™ Store (Android). You can use it to provision a UniFi AP for basic functionality without configuring a UniFi Controller. It also allows seamless provisioning of APs for remote controllers (controllers not on the same Layer 2 network) and easy access to local controllers and those monitored on [unifi.ui.com](https://unifi.ui.com)

## Specifications

UAP-IW

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Dimensions	45.7 x 76.2 x 30.5 mm (1.8 x 3.0 x 1.2") (4.51 x 2.78 x 1.12")
Weight	117 g (4.127 oz)
Networking Interface	(3) 10/100 Ethernet Ports
Button(s)	Reset
Power Method	UniFi Switch (PoE)
Power Save	Supported
PoE Out	48V Pass-Through (Pins 1, 2+; 3, 6-)
Max. Power Consumption	6W
Max. TX Power	17 dBm
Antenna Gain	1 dBi
Wi-Fi Standards	802.11 b/g/n
Wireless Security	WEP, WPA-PSK, WPA-Enterprise (WPA/WPA2, TKIP/AES)
Mounting	1-Gang Electrical Wall Box (Not Included)
Operating Band	2.4 GHz
VLAN	802.1Q
Advanced QOS	Per-User Rate Limiting
Guest Traffic Isolation	Supported
Concurrent Clients	100+
Operating Temperature	-10 to 70° C (14 to 158° F)
Operating Humidity	5 to 95% Noncondensing
Certifications	CE, FCC, IC

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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.



**WARNING:** Avoid using this product during an electrical storm. There may be a remote risk of electric shock from lightning.

## 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.
3. This equipment is provided with a detachable power cord which has an integral safety ground wire intended for connection to a grounded safety outlet.
  - a. Do not substitute the power cord with one that is not the provided approved type. Never use an adapter plug to connect to a 2-wire outlet as this will defeat the continuity of the grounding wire.
  - b. The equipment requires the use of the ground wire as a part of the safety certification, modification or misuse can provide a shock hazard that can result in serious injury or death.
  - c. Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment.
  - d. Protective earthing is provided by Listed AC adapter. Building installation shall provide appropriate short-circuit backup protection.
  - e. Protective bonding must be installed in accordance with local national wiring rules and regulations.

## Limited Warranty

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applicable, specify arbitration instead of jury trials or class actions.

## 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.

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.

This radio transmitter has been approved by FCC.

### ISED Canada

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

This device complies with ISED 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.

This radio transmitter has been approved by ISED Canada.

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Le présent appareil est conforme aux CNR d'ISDE Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. l'appareil ne doit pas produire de brouillage;
2. l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Le présent émetteur radio a été approuvé par ISDE Canada.

## IMPORTANT NOTE

### Radiation Exposure Statement

- This equipment complies with radiation exposure limits set forth for an uncontrolled environment.
- This equipment should be installed and operated with minimum distance 20 cm between the radiator and your body.
- This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

## AVIS IMPORTANT

### Déclaration sur l'exposition aux rayonnements

- Cet équipement est conforme aux limites prévues pour l'exposition aux rayonnements dans un environnement non contrôlé.
- Lors de l'installation et de la mise en fonctionnement de l'équipement, assurez-vous qu'il y ait une distance minimale de 20 cm entre l'élément rayonnant et vous.
- Cet émetteur ne doit être installé à proximité d'aucune autre antenne ni d'aucun autre émetteur, et ne doit être utilisé conjointement à aucun autre de ces appareils.

## Australia and New Zealand



Warning: This equipment is compliant with Class A of CISPR 32. In a residential environment this equipment may cause radio interference.

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**Nota:** Este equipamento não tem direito à proteção contra interferência prejudicial e não pode causar interferência em sistemas devidamente autorizados.

## CE Marking

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



### Country List



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

BFWA (Broadband Fixed Wireless Access) members noted in blue



**Note:** This device meets Max. TX power limit per ETSI regulations.

The following apply to products that operate in the 5 GHz frequency range:



**Note:** This device is restricted to indoor use only when operating in the 5150 - 5350 MHz frequency range within all member states.



**Note:** All countries listed may operate at 30 dBm. BFWA member states may operate at 36 dBm.

**Note:** Operation in the 5.8 GHz frequency band is prohibited in BFWA member states. Other

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### [WEEE Compliance Statement](#)

### [Declaration of Conformity](#)

### Online Resources



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