



UniFi[®] **Access**

UniFi Access Control Reader Lite

Model: UA-Lite

QUICK START GUIDE

System Components



UA-Lite

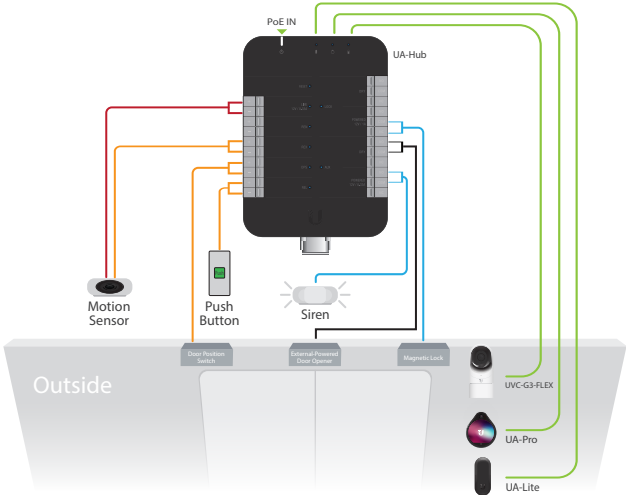


Note: Each UniFi Access component and all third-party accessories are sold separately.

Installation Requirements

- Phillips screwdriver
- Ethernet cable, CAT5e or better

Sample Wiring Topology



LEDs

UA-Lite

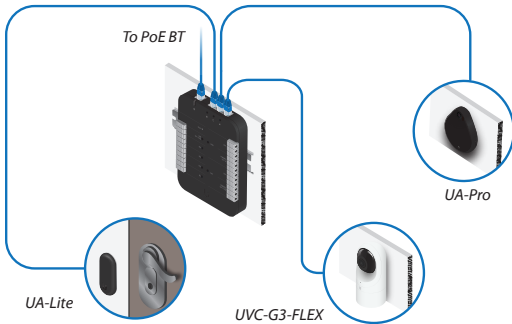
LED State	Function
Flashing white	Initializing
Steady blue	Adopted / device is ready
Steady white	Pending adoption
Flash blue twice	NFC card detected
Flash white twice	Access denied
Alternating white/blue	Upgrading firmware

Hardware Installation



Note: Determine the installation locations for each UA-Hub and door access reader. Cable runs for Ethernet should not exceed 100 meters; wire runs for lock cables should not exceed 45 meters.

Peripherals



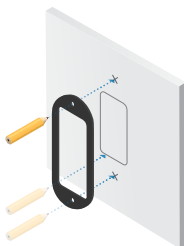
Sample UniFi Access Diagram

Access Reader

Run an Ethernet cable from the UA-Hub location to the install location of the access reader. Depending on your system setup, the access reader can be installed on either the inside or the outside of the door.

UA-Lite

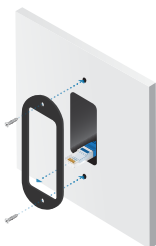
1. Place the UA-Lite mount against the wall and use it as a template to mark the area where the UA-Lite will be installed.



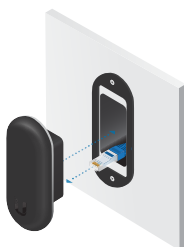
2. Use the marked area as a guide to cut a hole in the wall for the mount.



3. Pull the Ethernet cable from the wall and secure the mount to the wall using two screws.



4. Connect the Ethernet cable to the back of the UA-Lite and secure it to the mount.



5. Installation is complete.



UID App

Download and install the UID app to set up and configure your UniFi Access system.



1. Launch the UID app.
2. Follow the on-screen prompts to complete the installation.

Specifications

UA-Lite	
Dimensions	94.91 x 40.00 x 31.10 mm (3.74 x 1.57 x 1.22")
Weight	65 g (2.29 oz)
Mounting Options	Wall mount
Networking Interface	10/100 Mbps Ethernet
Max. Power Consumption	6W
Power Method	802.3af PoE
IP Rating	IP 54
Buttons	(1) Reset
LEDs	White / Blue
Connectivity	Ethernet, BLE 4.1
Operating Temperature	-10 to 40° C (14 to 104° F)
Operating Humidity	20 to 95% Non-condensing
Certifications	CE, FCC, IC

NFC	
Frequency	13.56 MHz
Read Range	<30 mm
Standards	ISO 14443A, 14443B, 15693
Technology	NFC Tag 1, 2, 3, 4, 5, MIFARE Classic, MIFARE Plus MIFARE Ultralight MIFARE DESFire EV1/EV2

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

www.ui.com/support/warranty

The limited warranty requires the use of arbitration to resolve disputes on an individual basis, and, where 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 B digital device, pursuant to Part 15 of the 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:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This radio transmitter (FCC ID: SWX-UALITE) has been approved by the FCC.

ISED Canada

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

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.

This radio transmitter (IC: 6465A-UALITE) has been approved by Industry Canada.

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

Pour réduire le risque d'interférence aux autres utilisateurs, le type d'antenne et son gain doivent être choisis de façon que la puissance isotrope rayonnée équivalente (PIRE) ne dépasse pas ce qui est nécessaire pour une communication réussie.

Cet appareil est conforme à 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'interférences et
2. Cet appareil doit accepter toute interférence, y compris les interférences qui peuvent causer un mauvais fonctionnement du dispositif.

Cet émetteur radio (IC: 6465A-UALITE) a été approuvée par Industrie Canada.

RF Exposure Warning

The antennas used for this transmitter must be installed to provide a separation distance of at least 20 cm from all persons and must not be located or operating in conjunction with any other antenna or transmitter.

Les antennes utilisées pour ce transmetteur doivent être installé en considérant une distance de séparation de toute personnes d'au moins 20 cm et ne doivent pas être localisé ou utilisé 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.

CE



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

RoHS/WEEE Compliance Statement



English

European Directive 2012/19/EU requires that the equipment bearing this symbol on the product and/or its packaging must not be disposed of with unsorted municipal waste. The symbol indicates that this product should be disposed of separately from regular household waste streams. It is your responsibility to dispose of this and other electric and electronic equipment via designated collection facilities appointed by the government or local authorities. Correct disposal and recycling will help prevent potential negative consequences to the environment and human health. For more detailed information about the disposal of your old equipment, please contact your local authorities, waste disposal service, or the shop where you purchased the product.

Deutsch

Die Europäische Richtlinie 2012/19/EU verlangt, dass technische Ausrüstung, die direkt am Gerät und/oder an der Verpackung mit diesem Symbol versehen ist, nicht zusammen mit unsortiertem Gemeindeabfall entsorgt werden darf. Das Symbol weist darauf hin, dass das Produkt von regulärem Haushaltsmüll getrennt entsorgt werden sollte. Es liegt in Ihrer Verantwortung, dieses Gerät und andere elektrische und elektronische Geräte über die dafür zuständigen und von der Regierung oder örtlichen Behörden dazu bestimmten Sammelstellen zu entsorgen. Ordnungsgemäßes Entsorgen und Recyceln trägt dazu bei, potentielle negative Folgen für Umwelt und die menschliche Gesundheit zu vermeiden. Wenn Sie weitere Informationen zur Entsorgung Ihrer Altgeräte benötigen, wenden Sie sich bitte an die örtlichen Behörden oder städtischen Entsorgungsdienste oder an den Händler, bei dem Sie das Produkt erworben haben.

Español

La Directiva 2012/19/UE exige que los equipos que lleven este símbolo en el propio aparato y/o en su embalaje no deben eliminarse junto con otros residuos urbanos no seleccionados. El símbolo indica que el producto en cuestión debe separarse de los residuos domésticos convencionales con vistas a su eliminación. Es responsabilidad suya desechar este y cualesquiera otros aparatos eléctricos y electrónicos a través de los puntos de recogida que ponen a su disposición el gobierno y las autoridades locales. Al desechar y reciclar correctamente estos aparatos estará contribuyendo a evitar posibles consecuencias negativas para el medio ambiente y la salud de las personas. Si desea obtener información más detallada sobre la eliminación segura de su aparato usado, consulte a las autoridades locales, al servicio de recogida y eliminación de residuos de su zona o pregunte en la tienda donde adquirió el producto.

Français

La directive européenne 2012/19/UE exige que l'équipement sur lequel est apposé ce symbole sur le produit et/ou son emballage ne soit pas jeté avec les autres ordures ménagères. Ce symbole indique que le produit doit être éliminé dans un circuit distinct de celui pour les déchets des ménages. Il est de votre responsabilité de jeter ce matériel ainsi que tout autre matériel électrique ou électronique par les moyens de collecte indiqués par le gouvernement et les pouvoirs publics des collectivités territoriales. L'élimination et le recyclage en bonne et due forme ont pour but de lutter contre l'impact néfaste potentiel de ce type de produits sur l'environnement et la santé publique. Pour plus d'informations sur le mode d'élimination de votre ancien équipement, veuillez prendre contact avec les pouvoirs publics locaux, le service de traitement des déchets, ou l'endroit où vous avez acheté le produit.

Italiano

La direttiva europea 2012/19/UE richiede che le apparecchiature contrassegnate con questo simbolo sul prodotto e/o sull'imballaggio non siano smaltite insieme ai rifiuti urbani non differenziati. Il simbolo indica che questo prodotto non deve essere smaltito insieme ai normali rifiuti domestici. È responsabilità del proprietario smaltire sia questi prodotti sia le altre apparecchiature elettriche ed elettroniche mediante le specifiche strutture di raccolta indicate dal governo o dagli enti pubblici locali. Il corretto smaltimento ed il riciclaggio aiuteranno a prevenire conseguenze potenzialmente negative per l'ambiente e per la salute dell'essere umano. Per ricevere informazioni più dettagliate circa lo smaltimento delle vecchie apparecchiature in Vostro possesso, Vi invitiamo a contattare gli enti pubblici di competenza, il servizio di smaltimento rifiuti o il negozio nel quale avete acquistato il prodotto.

Declaration of Conformity

български [Bulgarian] С настоящото Ubiquiti декларира, че това устройство UA-Lite е в съответствие със съществените изисквания и други приложими разпоредби на Директиви 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: **www.ui.com/compliance**

Hrvatski [Croatian] Ubiquiti ovim putem izjavljuje da je ovaj uređaj UA-Lite sukladan osnovnim zahtjevima i ostalim bitnim odredbama Direktiva 2014/53/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: **www.ui.com/compliance**

Čeština [Czech] Ubiquiti tímto prohlašuje, že toto UA-Lite zařízení, je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/53/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: **www.ui.com/compliance**

Dansk [Danish] Hermed, Ubiquiti, erklærer at denne UA-Lite enhed, er i overensstemmelse med de væsentlige krav og øvrige relevante krav i direktiver 2014/53/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: **www.ui.com/compliance**

Nederlands [Dutch] Hierbij verklaart Ubiquiti, dat deze UA-Lite apparaat, in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijnen 2014/53/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: **www.ui.com/compliance**

English Hereby, Ubiquiti, declares that this UA-Lite device, is in compliance with the essential requirements and other relevant provisions of Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: **www.ui.com/compliance**

Eesti keel [Estonian] Käesolevaga Ubiquiti kinnitab, et antud UA-Lite seade, on vastavus oluliste nõuetele ja teistele asjakohastele sätetele direktiivide 2014/53/EL. ELi vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: **www.ui.com/compliance**

Suomi [Finnish] Täten Ubiquiti vakuuttaa, että tämä UA-Lite laite, on yhdenmukainen olennaisten vaatimusten ja muiden sitä koskevien direktiivien 2014/53/EU. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: **www.ui.com/compliance**

Français [French] Par la présente Ubiquiti déclare que l'appareil UA-Lite, est conforme aux exigences essentielles et aux autres dispositions pertinentes des directives 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: **www.ui.com/compliance**

Deutsch [German] Hiermit erklärt Ubiquiti, dass sich dieses UA-Lite Gerät, in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinien 2014/53/EU befindet. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: **www.ui.com/compliance**

Ελληνικά [Greek] Δια του παρόντος, Ubiquiti, δηλώνει ότι αυτή η συσκευή UA-Lite, είναι σε συμμόρφωση με τις βασικές απαιτήσεις και τις λοιπές σχετικές διατάξεις των οδηγιών 2014/53/ΕΕ. Το πλήρες κείμενο της δήλωσης συμμόρφωσης ΕΕ διατίθεται στην ακόλουθη ιστοσελίδα στο διαδίκτυο: **www.ui.com/compliance**

Magyar [Hungarian] Ezennel Ubiquiti kijelenti, hogy ez a UA-Lite készülék megfelel az alapvető követelményeknek és más vonatkozó 2014/53/EU irányelvek rendelkezéseit. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: **www.ui.com/compliance**

Íslenska [Icelandic] Hér, Ubiquiti, því yfir að þetta UA-Lite tæki er í samræmi við grunnkröfur og önnur viðeigandi ákvæði tilskipana 2014/53/ESB. Fullur texti ESB samræmisfyr lýsing er að finna á eftirfarandi netfangi: www.ui.com/compliance

Italiano [Italian] Con la presente, Ubiquiti, dichiara che questo dispositivo UA-Lite, è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti delle direttive 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: www.ui.com/compliance

Latviešu valoda [Latvian] Ar šo, Ubiquiti, deklarē, ka UA-Lite ierīce, ir saskaņā ar būtiskajām prasībām un citiem attiecīgiem noteikumiem Direktīvās 2014/53/ES. Pilns ES atbilstības deklarācijas teksts ir pieejams šādā interneta vietnē: www.ui.com/compliance

Lietuvių kalba [Lithuanian] Ubiquiti deklaruoja, kad šis UA-Lite įrenginys atitinka esminius reikalavimus ir kitas 2014/53/ES Direktyvų nuostatas. Visas ES atitikties deklaracijos teksto prieinamas šiuo interneto adresu: www.ui.com/compliance

Malti [Maltese] Hawnhekk, Ubiquiti, tiddikjara li dan il-mezz UA-Lite huwa konformi mar-rekwiżiti essenzjali u dispożizzjonijiet rilevanti oħrajn ta' Direktivi 2014/53/UE. Id-dikjarazzjoni tal-konformità tista' tiġi kkonsultata minn www.ui.com/compliance

Norsk [Norwegian] Herved Ubiquiti, erklærer at denne UA-Lite enheten, er i samsvar med de grunnleggende kravene og andre relevante bestemmelser i direktivene 2014/53/EU. Den fulle teksten til EU-samsvarserklæringen er tilgjengelig på følgende internettdresse: www.ui.com/compliance

Polski [Polish] Niniejszym, Ubiquiti Networks, oświadcza, że urządzenie UA-Lite, jest zgodny z zasadniczymi wymaganiami oraz pozostałymi stosownymi postanowieniami Dyrektyw 2014/53/UE. Pełny tekst deklaracji zgodności UE jest dostępny pod następującym adresem internetowym: www.ui.com/compliance

Português [Portuguese] Ubiquiti declara que este dispositivo UA-Lite, está conforme com os requisitos essenciais e outras disposições das Directivas 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: www.ui.com/compliance

Română [Romanian] Prin prezenta, Ubiquiti declară că acest dispozitiv UA-Lite este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivelor 2014/53/UE. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă internet: www.ui.com/compliance

Slovenčina [Slovak] Týmto Ubiquiti, prehlasuje, že toto UA-Lite zariadenie, je v súlade so základnými požiadavkami a ďalšími relevantnými ustanoveniami smernice 2014/53/EÚ. Úplné EÚ vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: www.ui.com/compliance

Slovenščina [Slovenian] Družba Ubiquiti izjavlja, da je naprava UA-Lite v skladu z obveznimi zahtevami in drugimi ustreznimi določbami direktiv 2014/53/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: www.ui.com/compliance

Español [Spanish] Por medio de la presente Ubiquiti declara que este dispositivo UA-Lite, cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de las Directiva 2014/53/UE. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: www.ui.com/compliance

Svenska [Swedish] Härmed Ubiquiti, intyggar att denna UA-Lite enhet är i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiven 2014/53/EU. Den fullständiga texten till EU-försäkran om överensstämmelse finns på följande webbadress: www.ui.com/compliance



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