



UniFi[®] CLOUD KEY

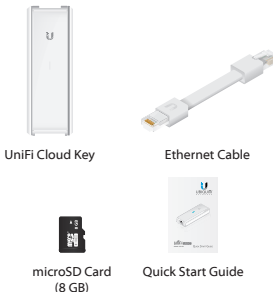
Model: UC-CK

QUICK START GUIDE

Introduction

Thank you for purchasing the Ubiquiti Networks[®] UniFi[®] Cloud Key. This Quick Start Guide is designed to guide you through installation and also includes warranty terms.

Package Contents



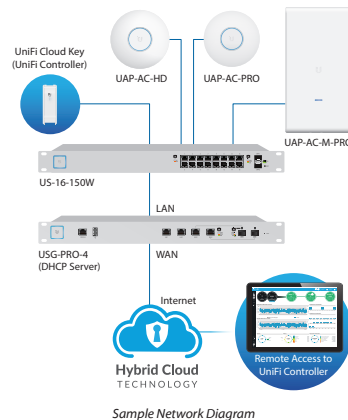
System Requirement

Web Browser: Google Chrome (Other browsers may have limited functionality.)

TERMS OF USE: All Ethernet cabling runs must use CAT5 (or above). It is the professional installer's responsibility to follow local country regulations, including operation within legal frequency channels, output power, indoor cabling requirements, and Dynamic Frequency Selection (DFS) requirements.

Network Topology Requirement

A DHCP-enabled network (for the UniFi Cloud Key to obtain an IP address)



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

Hardware Overview

Front Panel LED



LED Color	Status
White	Factory defaults.
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	Device is working properly.

Top Panel



Ethernet This Gigabit Ethernet port is used to connect the power and should be connected to the LAN and DHCP server. Power can be provided by an 802.3af PoE switch, such as the Ubiquiti Networks UniFi Switch.

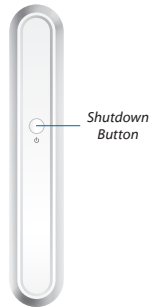
Bottom Panel



Reset The Reset button serves two functions:

- **Restart** Press and release the Reset button quickly.
 - **Restore to Factory Default Settings** Press and hold the Reset button for more than five seconds.
- USB-C** Optional power source (5V, minimum 1A) if PoE is not available.
- microSD** Reserved for future use.

Side Panel



Shutdown Press the Shutdown button to initiate a graceful shutdown. All services will be shut down and the CPU will remain active.

Hardware Installation

1. Connect the *Ethernet Cable* to the *Ethernet* port.
2. Connect the other end of the *Ethernet Cable* to a port on a network switch, such as a UniFi Switch.



Powering the UniFi Cloud Key

Use an 802.3af-compliant switch, such as a UniFi Switch, or a USB power source (not included).

UniFi Switch

The UniFi Cloud Key can be powered by a UniFi PoE Switch or other 802.3af-compliant switch.



UniFi Switch Power Connection Diagram

USB Power Source

Connect the USB cable (not included) from the UniFi Cloud Key directly to a USB power source (5V, minimum 1A).



USB Power Connection Diagram

Software Installation

The UniFi Controller software is pre-installed on the UniFi Cloud Key. Use one of the following methods to launch the software:

- If you are using Chrome, go to the *Chrome Instructions* section (recommended).
- If you are using a different web browser, go to the *Instructions for Other Web Browsers* section.

Chrome Instructions

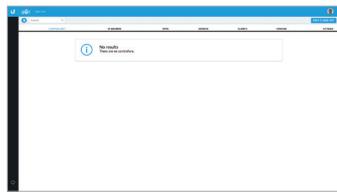
1. Ensure that your host system is on the same Layer-2 network as the UniFi Cloud Key.
2. Launch the Chrome web browser and type <https://unifi.ubnt.com> in the address field. Press **enter** (PC) or **return** (Mac).



3. Enter the username and password for your UBNT account. Click **Sign In**.

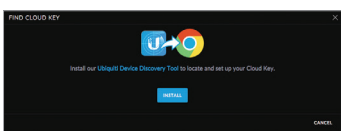


4. Click **Find Cloud Key**.



5. If the Ubiquiti[®] Device Discovery Tool is already installed, proceed to step 7.
If the tool is not installed, you will be prompted to add it. Proceed to step 6.

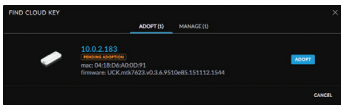
6. To install the tool:
 - a. Click **Install**.



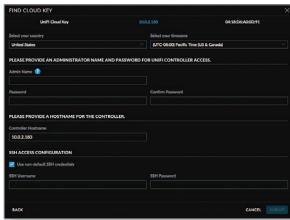
- b. Click **Add app** to confirm.



7. The Ubiquiti Device Discovery Tool will search for the UniFi Cloud Key. Select it to continue.



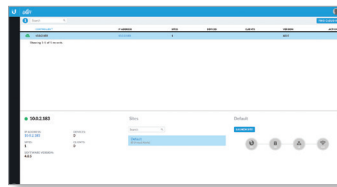
8. Configure the UniFi Controller:
 - a. Select the appropriate country.
 - b. Select the appropriate time zone.
 - c. Enter an admin name in the *Admin Name* field and a password in the *Password* field to use when accessing the management interface.
 - d. Confirm your password in the *Confirm Password* field.
 - e. Keep the IP address or enter a hostname in the *Controller Hostname* field.
 - f. If you have changed the default username or password of the UniFi Cloud Key, then you must set up login credentials. Select **Use non-default SSH credentials**. Enter a username in the *SSH Username* field, and enter a password in the *SSH Password* field.
 - g. Click **Submit** to save your changes.



9. Wait for the UniFi Controller to be adopted, and then select it.



10. Click **Launch Site**.



The UniFi Controller management interface will appear. You can manage your UniFi devices 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 located on our website: www.ubnt.com/download/unifi

Instructions for Other Web Browsers

1. Ensure that your host system is on the same Layer-2 network as the UniFi Cloud Key.

2. The UniFi Cloud Key is set to *DHCP* by default, so it will try to automatically obtain an IP address. Assign a specific IP address to the UniFi Cloud Key, or check the DHCP server for its IP address.



Note: The default fallback IP address of the UniFi Cloud Key is 192.168.1.30.

3. Launch the web browser. In the address field, type [https://](https://<IP_address>) followed by the appropriate IP address. Press **enter** (PC) or **return** (Mac).



4. Click **Manage** to run the UniFi Setup Wizard.



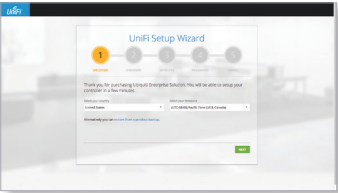
Note: You can click *Configure* to change the settings of the UniFi Cloud Key. The default login is *ubnt/ubnt*.



640-00214-05



5. The *UniFi Setup Wizard* screen appears. Follow the on-screen instructions. For step-by-step instructions, refer to the User Guide, which is available at www.ubnt.com/download/unifi



After the UniFi Setup Wizard is finished, the UniFi Controller management interface will appear. Log in with the *Admin Name* and *Password* that you created, and then you can manage your UniFi devices 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

UC-CK	
Dimensions	21.7 x 43.4 x 121.9 mm (0.85 x 1.71 x 4.80")
Weight	110 g (3.88 oz)
Networking Interface	(1) 10/100/1000 Ethernet Port
Buttons	(1) Reset to Defaults Shutdown
Power Method	
PoE	48V 802.3af or Passive PoE (Pairs 4, 5+; 7, 8-)
USB-C	5V
Power Supply	802.3af PoE or USB-C 5V, Minimum 1A
Max. Power Consumption	5W
Operating Temperature	0 to 40° C (32 to 104° F)
Operating Humidity	20 to 90% Noncondensing
Certifications	CE, FCC, IC

Safety Notices

- Read, follow, and keep these instructions.
- Heed all warnings.
- 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

- 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.
- 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:

- 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;
- has been painted, rebranded or physically modified in any way;
- has been damaged due to errors or defects in cabling;
- has been physical, electromagnetic or electrical stress, including lightning strikes, or accident;
- has been damaged or impaired as a result of using third party firmware;
- has no original Ubiquiti MAC label, or is missing any other original Ubiquiti label(s); or
- 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

Disclaimer

EXCEPT FOR ANY EXPRESS WARRANTIES PROVIDED HEREIN, UBIQUITI NETWORKS, ITS AFFILIATES, AND ITS AND THEIR THIRD PARTY DATA, SERVICE, SOFTWARE AND HARDWARE PROVIDERS HEREBY DISCLAIM AND MAKE NO OTHER REPRESENTATION OR WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR STATUTORY, INCLUDING, BUT NOT LIMITED TO, REPRESENTATIONS, GUARANTEES, OR WARRANTIES OF MERCHANTABILITY, ACCURACY, QUALITY OF SERVICE OR RESULTS, AVAILABILITY, SATISFACTORY QUALITY, LACK OF VIRUSES, QUIET ENJOYMENT, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT AND ANY WARRANTIES ARISING FROM ANY COURSE OF DEALING, USAGE OR TRADE PRACTICE IN CONNECTION WITH SUCH PRODUCTS AND SERVICES. BUYER ACKNOWLEDGES THAT NEITHER UBIQUITI NETWORKS NOR ITS THIRD PARTY PROVIDERS

Declaration of Conformity

Bulgarian [Bulgarian] С настоящото UBIQUITI NETWORKS декларира, че това устройство UC-CK е в съответствие със съществени изисквания и други

приложения разпоредби на Директивата 2014/30/ЕС, 2014/35/ЕС. Целостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: www.ubnt.com/compliance

Hungarian [Hungarian] Ezennel UBIQUITI NETWORKS kijelenti, hogy ez a UC-CK készülék megfelel az alapvető követelményeknek és más vonatkozó 2014/30/EU, 2014/35/EU irányelvek rendelkezéseit. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: www.ubnt.com/compliance

Croatian [Croatian] UBIQUITI NETWORKS ovim putem izjavljuje da je ovaj uređaj UC-CK sukladan osnovnim zahtjevima i ostalim bitnim odredbama Direktiva 2014/30/EU, 2014/35/EU. Cjeloviti tekst EU izjave o sukladnosti dostupan je na sljedećoj internetskoj adresi: www.ubnt.com/compliance

Czech [Czech] UBIQUITI NETWORKS tímto prohlašuje, že toto UC-CK zařízení, je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrnice 2014/30/EU, 2014/35/EU. Úplné znění EU prohlášení o shodě je k dispozici na této internetové adrese: www.ubnt.com/compliance

Danish [Danish] Hermed, UBIQUITI NETWORKS, erklærer at denne UC-CK enhed, er i overensstemmelse med de væsentlige krav og øvrige relevante krav i direktiver 2014/30/EU, 2014/35/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: www.ubnt.com/compliance

Dutch [Dutch] Hierbij verklaart UBIQUITI NETWORKS, dat deze UC-CK apparaat, in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijn(en) 2014/30/EU, 2014/35/EU. De volledige tekst van de EU-conformiteitsverklaring kan worden geraadpleegd op het volgende internetadres: www.ubnt.com/compliance

English Hereby, UBIQUITI NETWORKS, declares that this UC-CK device, is in compliance with the essential requirements and other relevant provisions of Directives 2014/30/EU, 2014/35/EU. The full text of the EU declaration of conformity is available at the following internet address: www.ubnt.com/compliance

Eesti keel [Estonian] Käesolevaga UBIQUITI NETWORKS kinnitab, et antud UC-CK seade, on vastavus olulistele nõuetele ja teistele asjakohastele sätetele direktiivide 2014/30/EU, 2014/35/EU. EU vastavusdeklaratsiooni täielik tekst on kättesaadav järgmisel internetiaadressil: www.ubnt.com/compliance

Finnish [Finnish] Täten UBIQUITI NETWORKS vakuuttaa, että tämä UC-CK laite, on yhdenmukainen olennaisien vaatimusten ja muiden sitä koskevien direktiivien 2014/30/EU, 2014/35/EU. EU-vaatimustenmukaisuusvakuutuksen täysimittainen teksti on saatavilla seuraavassa internetosoitteessa: www.ubnt.com/compliance

French [French] Par la présente UBIQUITI NETWORKS déclare que l'appareil UC-CK, est conforme aux exigences essentielles et aux autres dispositions pertinentes des directives 2014/30/EU, 2014/35/EU. Le texte complet de la déclaration UE de conformité est disponible à l'adresse internet suivante: www.ubnt.com/compliance

German [German] Hiermit erklärt UBIQUITI NETWORKS, dass sich dieses UC-CK Gerät, in Übereinstimmung mit den grundlegenden Anforderungen und den anderen relevanten Vorschriften der Richtlinien 2014/30/EU, 2014/35/EU befindet. Der vollständige Text der EU-Konformitätserklärung ist unter der folgenden Internetadresse verfügbar: www.ubnt.com/compliance

CONTROL BUYER'S EQUIPMENT OR THE TRANSFER OF DATA OVER COMMUNICATIONS FACILITIES, INCLUDING THE INTERNET, AND THAT THE PRODUCTS AND SERVICES MAY BE SUBJECT TO LIMITATIONS, INTERRUPTIONS, DELAYS, CANCELLATIONS AND OTHER PROBLEMS INHERENT IN THE USE OF COMMUNICATIONS FACILITIES. UBIQUITI NETWORKS, ITS AFFILIATES AND ITS AND THEIR THIRD PARTY PROVIDERS ARE NOT RESPONSIBLE FOR ANY INTERRUPTIONS, DELAYS, CANCELLATIONS, DELIVERY FAILURES, DATA LOSS, CONTENT CORRUPTION, PACKET LOSS, OR OTHER DAMAGE RESULTING FROM ANY OF THE FOREGOING. In addition, UBIQUITI NETWORKS does not warrant that the operation of the Products will be error-free or that operation will be uninterrupted. In no event shall UBIQUITI NETWORKS be responsible for damages or claims of any nature or description relating to system performance, including coverage, buyer's selection of products (including the Products) for buyer's application and/or failure of products (including the Products) to meet government or regulatory requirements.

Limitation of Liability

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.

- This device may not cause harmful interference, and
- 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 (FCC: SWX-UCCK) has been approved by FCC.

RF Exposure Information (MPE)

This device complies with radio frequency (RF) exposure limits adopted by the Federal Communications Commission/ Innovation, Science and Economic Development Canada for an uncontrolled environment. This equipment should operate with minimum distance 20 cm between the radiator & your body.

Déclaration d'exposition aux radiations: Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

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:

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

This radio transmitter (IC: 6545A-UCCK) has been approved by ISED Canada.

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

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 :

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

Le présent émetteur radio (IC : 6545A-UCCK) a été approuvé par ISDE Canada.

CE Marking

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



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.



Română [Romanian] Prin prezenta, UBIQUITI NETWORKS declară că acest dispozitiv UC-CK este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivei 2014/30/EU, 2014/35/EU. Textul integral al declarației UE de conformitate este disponibil la următoarea adresă Internet: www.ubnt.com/compliance

Slovenčina [Slovak] Týmto UBIQUITI NETWORKS, prehlasuje, že toto UC-CK zariadenie, je v súlade so základnými požiadavkami a ďalšími relevantnými ustanoveniami smernice 2014/30/EU, 2014/35/EU. Úplné EU vyhlásenie o zhode je k dispozícii na tejto internetovej adrese: www.ubnt.com/compliance

Slovensčina [Slovenian] Družba UBIQUITI NETWORKS izjavlja, da je naprava UC-CK v skladu z obveznimi zahtevami in drugimi ustreznimi določbami direktiv 2014/30/EU, 2014/35/EU. Celotno besedilo izjave EU o skladnosti je na voljo na naslednjem spletnem naslovu: www.ubnt.com/compliance

Español [Spanish] Por medio de la presente UBIQUITI NETWORKS declara que este dispositivo UC-CK, cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de las Directivas 2014/30/EU, 2014/35/EU. El texto completo de la declaración UE de conformidad está disponible en la dirección Internet siguiente: www.ubnt.com/compliance

Svenska [Swedish] Härmed UBIQUITI NETWORKS, intygar att denna UC-CK enhet är i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiven 2014/30/EU, 2014/35/EU. Den fullständiga texten till EU-förklaring om överensstämmelse finns på följande webbadress: www.ubnt.com/compliance

Online Resources

Website www.ubnt.com
Support help.ubnt.com
Community community.ubnt.com
Downloads downloads.ubnt.com

Ubiquiti Networks, Inc.
685 Third Avenue, 27th Floor
New York, NY 10017
USA



©2015-2017 Ubiquiti Networks, Inc. All rights reserved. Ubiquiti, Ubiquiti Networks, the Ubiquiti U logo, the Ubiquiti beam logo, and UniFi are trademarks or registered trademarks of Ubiquiti Networks, Inc. and in other countries. All other trademarks are the property of their respective owners.