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

- UniFi Cloud Key
- Ethernet Cable
- microSD Card (8 GB)
- Quick Start Guide

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

<table>
<thead>
<tr>
<th>LED Color</th>
<th>Status</th>
</tr>
</thead>
<tbody>
<tr>
<td>White</td>
<td>Factory defaults.</td>
</tr>
<tr>
<td>Flashing White</td>
<td>Initializing.</td>
</tr>
<tr>
<td>Alternating White/Blue</td>
<td>Device is busy; do not touch or unplug it. This usually indicates that a process such as a firmware upgrade is taking place.</td>
</tr>
<tr>
<td>Blue</td>
<td>Device is working properly.</td>
</tr>
</tbody>
</table>
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 UniFi PoE 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**  This slot is used to back up the Cloud Key configuration to the microSD card (included).
**Shutdown**  Press the *Shutdown* button to initiate a graceful shutdown (all services will be shut down and the CPU will remain active). After pressing the button, wait until the LED goes off, and then unplug the Cloud Key.
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.
USB Power Source

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

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. Enable the **Discover Cloud Key** option at the top right.

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**.

   ![Ubiquiti Device Discovery Tool installation dialog](image)

   b. Click **Add app** to confirm.
7. The Ubiquiti Device Discovery Tool will search for the UniFi Cloud Key. Click **Adopt** in the Cloud Key’s **Actions** column to continue.

8. If the Cloud Key firmware is not the latest version, click **Upgrade Firmware** to upgrade the firmware.

9. Click **Open Controller Wizard** to set up the Controller on the Cloud Key.
10. The *UniFi Setup Wizard* screen appears. Follow the on-screen instructions. Then, click **Finish** to save your changes.

**Note:** For step-by-step instructions, refer to the User Guide, which is available at www.ubnt.com/download/unifi

11. Enter your ubnt.com account credentials and click **Enable Cloud Access**.
12. Go back to the UniFi Controller tab (https://unifi.ubnt.com) in your browser and wait for the UniFi Controller to be adopted.

13. Click **Launch** to open the UniFi Controller remotely.

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](http://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:// followed by the appropriate IP address. Press enter (PC) or return (Mac).

![https://<IP_address>](https://<IP_address>)

4. Click Manage to run the UniFi Setup Wizard.

![UniFi Controller and Cloud Key](image)

Note: You can click Configure to change the settings of the UniFi Cloud Key. The default login is ubnt/ubnt.
5. The UniFi Setup Wizard screen appears. Follow the on-screen instructions. Then, click **Finish** to save your changes.

**Note:** For step-by-step instructions, refer to the User Guide, which is available at [www.ubnt.com/download/unifi](http://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

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

## 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.

**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.

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

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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.

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 (FCC: SWX-UCCK) 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 (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 :
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 (IC : 6545A-UCCK) a été approuvé par ISDE 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 considéran 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.
Australia and New Zealand

Warning: This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

CE Marking

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

![CE Mark](https://example.com/ce_mark.png)

<table>
<thead>
<tr>
<th>Country List</th>
</tr>
</thead>
<tbody>
<tr>
<td>AT</td>
</tr>
<tr>
<td>EE</td>
</tr>
<tr>
<td>IE</td>
</tr>
<tr>
<td>PL</td>
</tr>
</tbody>
</table>

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 countries listed may use the 5.8 GHz frequency band.
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

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 NETWORKS декларира, че този тип радиооборудване UC-CK е в съответствие с Директива 2014/53/ЕС. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: www.ubnt.com/compliance


Nederlands [Dutch] Hierbij verklaar ik, UBIQUITI NETWORKS, dat het type radioapparatuur UC-CK conform is met Richtlijn 2014/53/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 the radio equipment type UC-CK is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address: www.ubnt.com/compliance


UBIQUITI NETWORKS, déclare que l’équipement radioélectrique du type UC-CK est conforme à la directive 2014/53/UE. Le texte complet de la déclaration UE de conformité est disponible à l’adresse internet suivante: www.ubnt.com/compliance


UBIQUITI NETWORKS igazolja, hogy a UC-CK típusú rádióberendezés megfelel a 2014/53/EU irányelvnek. Az EU-megfelelőségi nyilatkozat teljes szövege elérhető a következő internetes címen: www.ubnt.com/compliance

Hier með lýsir UBIQUITI NETWORKS yfir því að UC-CK er í samræmi við grunnkröfur og aðrar kröfur, sem gerðar eru í tilskipun 2014/53/EU. Fullur texti ESB samræmisyfirlýsing er að finna á eftirfarandi netfangi: www.ubnt.com/compliance

Il fabbricante, UBIQUITI NETWORKS, dichiara che il tipo di apparecchiatura radio UC-CK è conforme alla direttiva 2014/53/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: www.ubnt.com/compliance


O(a) abaixo assinado(a) UBIQUITI NETWORKS declara que o presente tipo de equipamento de rádio UC-CK está em conformidade com a Diretiva 2014/53/UE. O texto integral da declaração de conformidade está disponível no seguinte endereço de Internet: www.ubnt.com/compliance