UBIQUITI®
NETWORKS

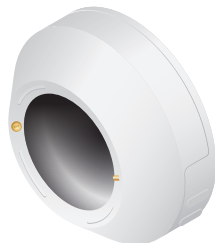
UniFi®
Video Camera
micro

Model: UVC-Micro

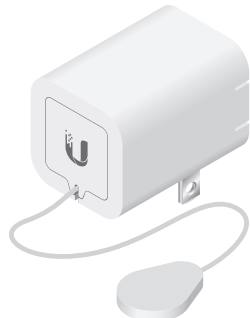
Quick Start Guide

Package Contents

UVC-Micro Camera



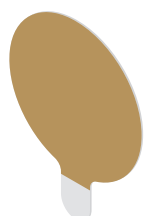
UVC-Micro Base



Power Adapter

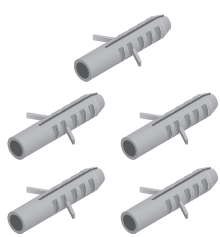
Flat Base Plate

Corner Base Plate

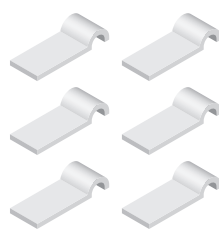


Mounting Tape

Screws (Qty. 5)



Screw Anchors (Qty. 5)



Cable Clips (Qty. 6)

Hardware Overview

LED The LED will light steady blue during bootup. When the camera is ready to connect to the Wi-Fi network, the LED pattern will flash two times accompanied by two beep tones. Once connected to the network, the LED will glow a breathing pattern.

Reset To reset network settings to factory defaults, press and hold the *Reset* button until the camera beeps two fast tones.

Installation

Install the UVC-Micro within 5 m (16') of a power outlet. The camera has a magnetic base that can be used to mount it on a metal surface and includes mounting kits for standard wall or corner mounting. Follow the appropriate steps for your installation.

Mount on Metal Surface

1. Attach the *UVC-Micro Camera* and the power cable to the *UVC-Micro Base*.

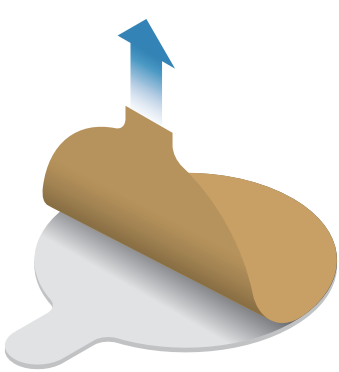
2. Attach the camera assembly to a metal (steel) surface.

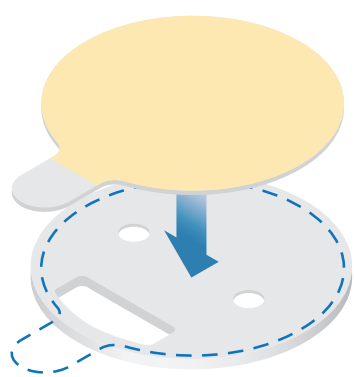
Wall Mounting

Mount with tape or with screws:

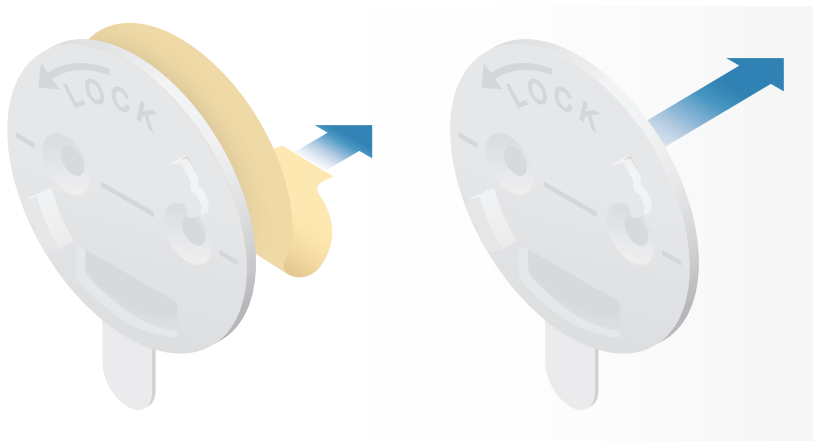
Mounting with Tape

1. Remove the paper from one side of the *Mounting Tape*, and center the tape on the back of the *Flat Base Plate*.



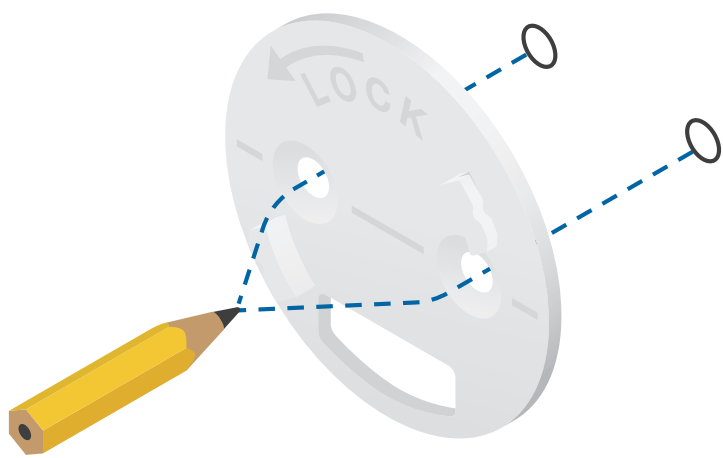


2. Remove the paper from the other side of the *Mounting Tape* and attach the *Flat Base Plate* to the wall.

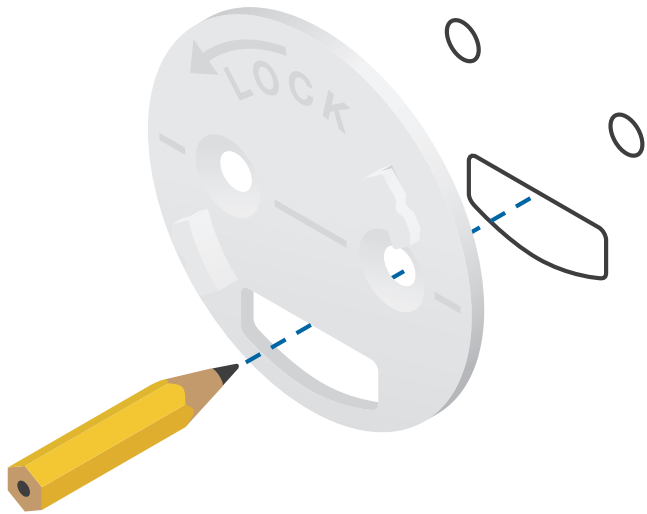


Mounting with Screws

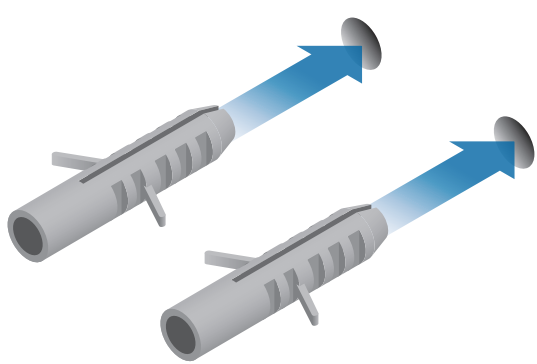
1. Place the *Flat Base Plate* at the desired location and mark the two mounting holes.



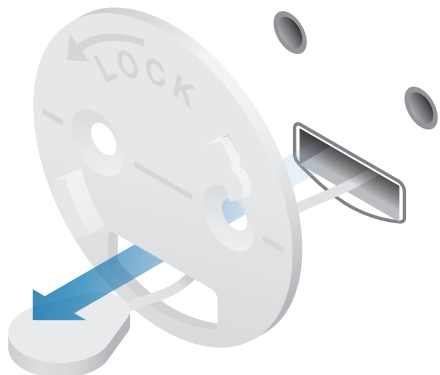
Note: If you are running the power cable inside the ceiling or wall, then mark the cable feed opening below the mounting holes.



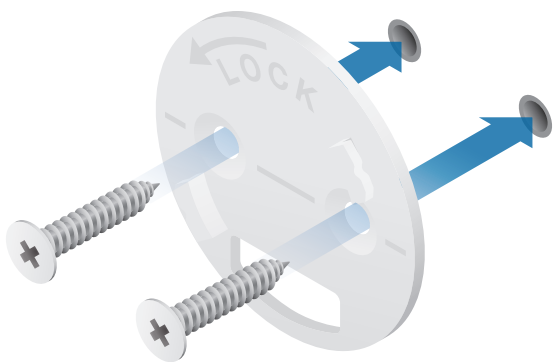
2. Use a 3 mm drill bit to drill a hole at each mark, and insert a *Screw Anchor* into each hole.



3. (Optional) When running the power cable inside the wall or ceiling, cut the hole for the power cable. Then feed the cable through the hole and the *Flat Base Plate*.

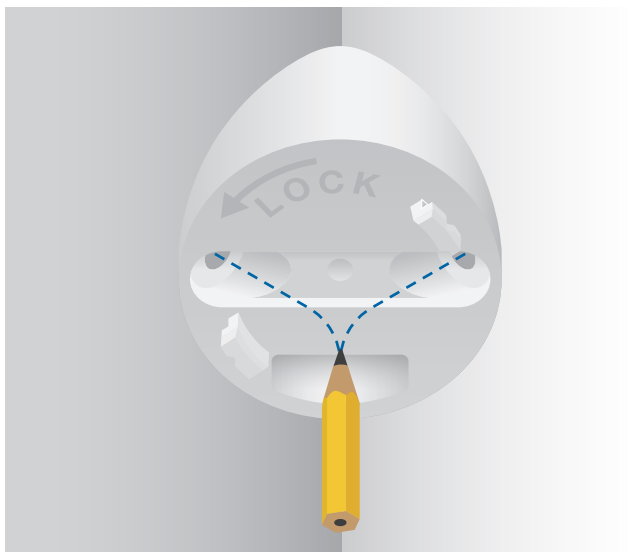


4. Attach the *Flat Base Plate* to the surface by fastening a *Screw* to each *Screw Anchor*.

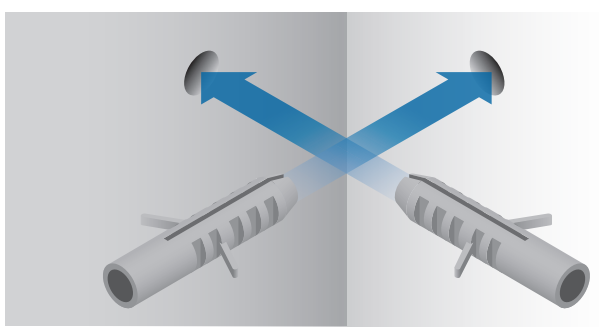


Corner Mounting

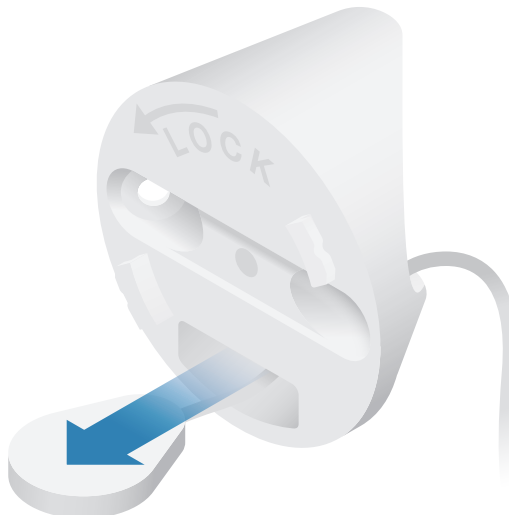
1. Place the *Corner Base Plate* at the desired location and mark the two mounting holes.



2. Use a 3 mm drill bit to drill a hole at each mark, and insert a *Screw Anchor* into each hole.



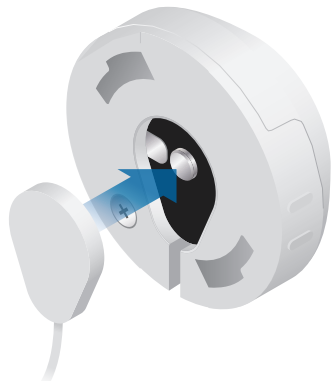
3. Feed the power cable through the back of the *Corner Base Plate*.



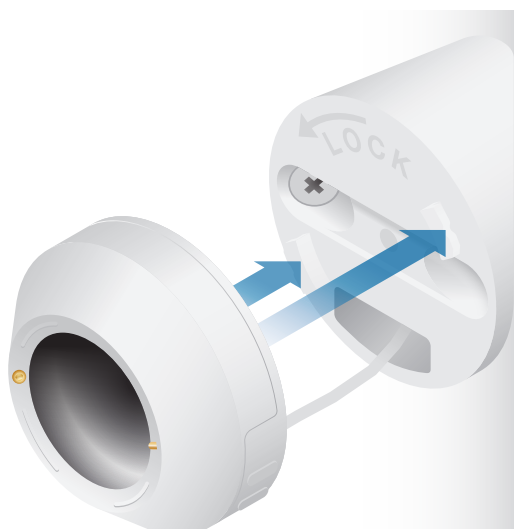
4. Secure the *Corner Base Plate* by fastening a *Screw* to each *Screw Anchor*.

Attaching the Camera

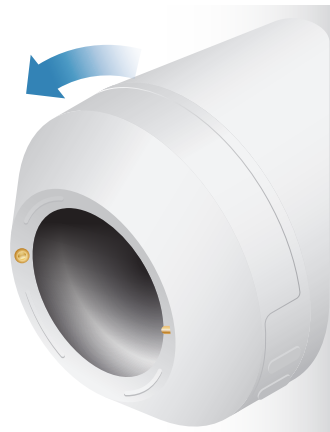
1. Attach the power cable to the back of the *UVC-Micro Base*.



2. Connect the *UVC-Micro Base* to the *Base Plate* by inserting the mounting tabs into the slots on the base.



3. Rotate the *UVC-Micro Base* to lock it.



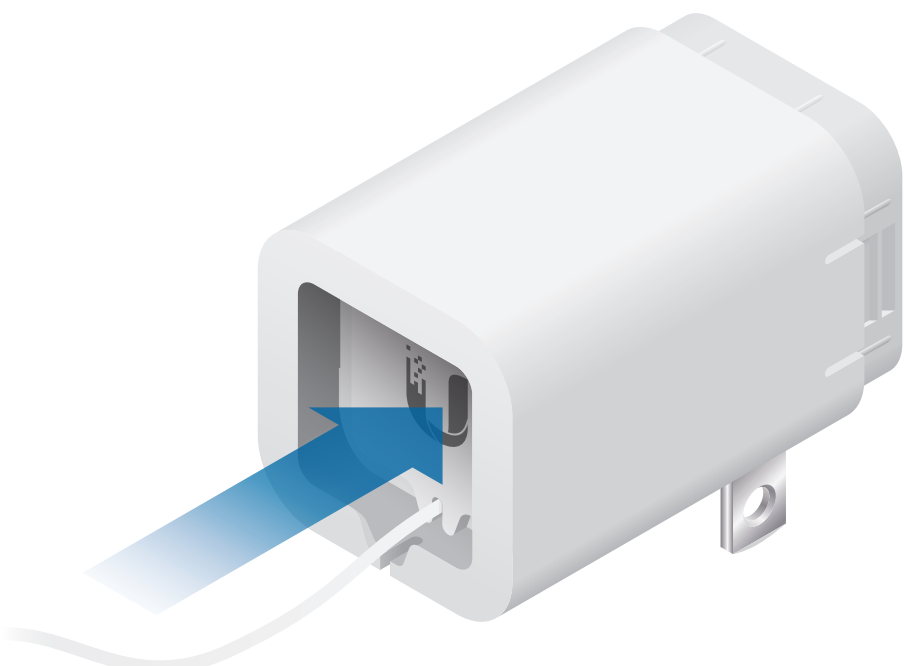
4. Attach the *UVC-Micro Camera* to the *UVC-Micro Base*, and pivot the camera to the desired angle.

Connecting Power

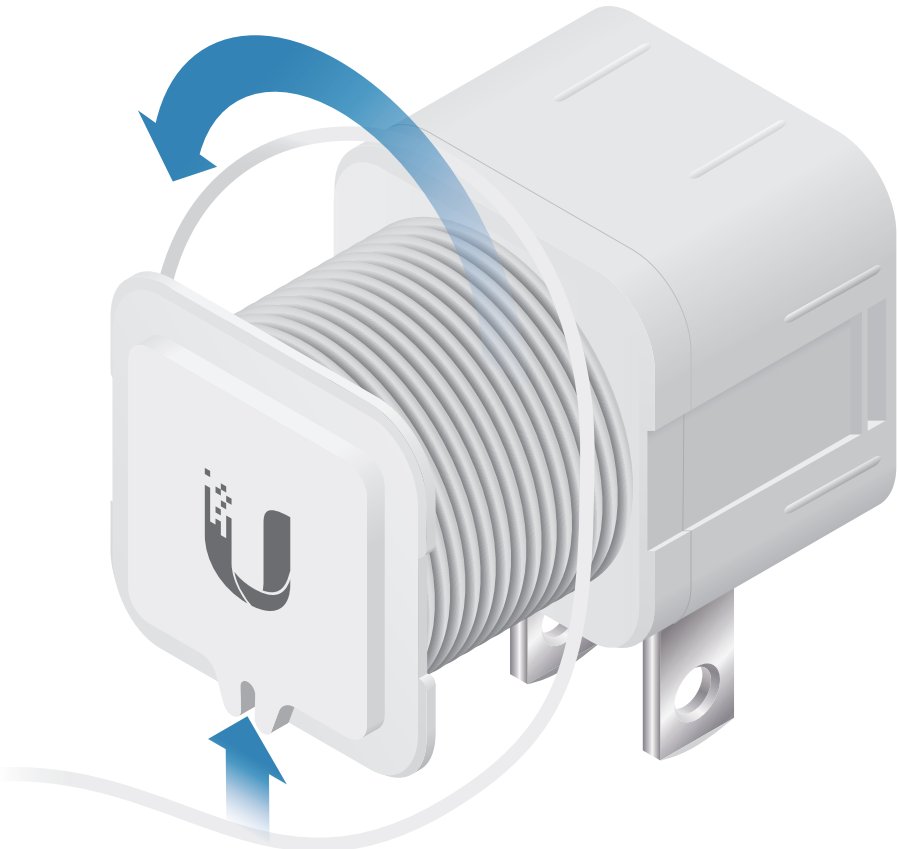
The included *Power Adapter* has a 5 m (16') power cable that is hidden inside the adapter casing.

Extend the power cable as needed, by following these steps:

1. Hold the outer casing of the *Power Adapter* with the Ubiquiti® U logo facing toward you, and push in the center of the logo until the adapter releases from the outer casing.

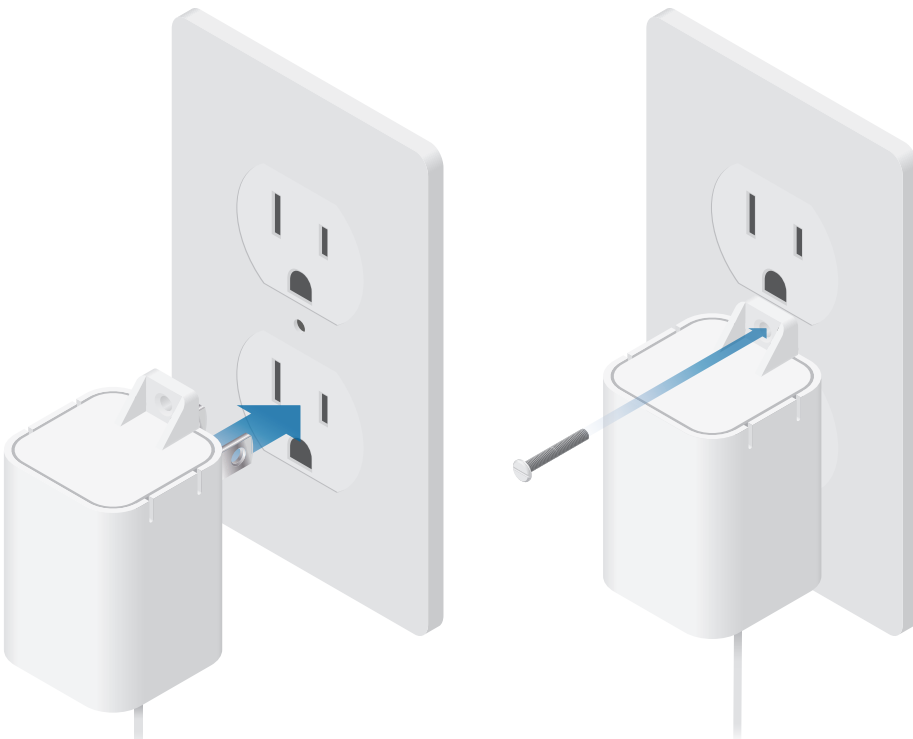


2. Unwind the power cable to extend it to the desired length. Then lock the cable into the notch located under the bottom of the U logo.



3. Slide the outer casing back onto the adapter until it snaps into place.

4. Plug the *Power Adapter* into a power outlet. To secure the connection, use the outlet cover plate screw to fasten the *Power Adapter* to the outlet.



(Optional)

Note: (6) *Cable Clips* with adhesive tape are included to help hold the power cable in place. Remove the paper backing on each clip to expose the adhesive tape.

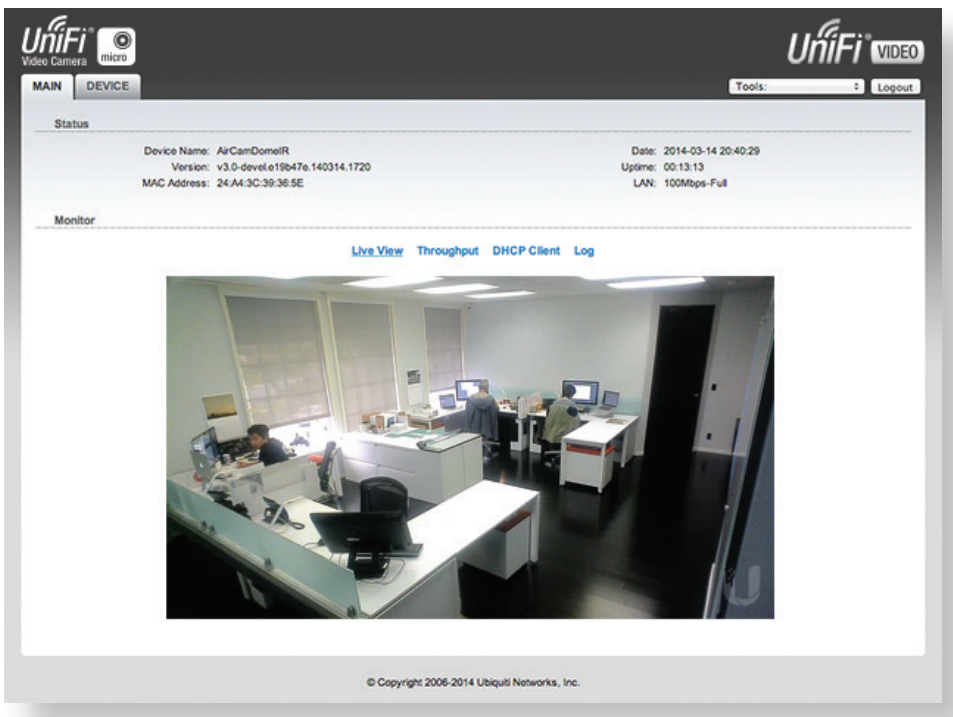
Adopting the Camera

Use the Unifi Video mobile app for iOS or Android to adopt and configure the camera. The app is available free in the app/play store.

Alternatively, you can adopt and configure the camera using Wi-Fi and a web browser.

1. Connect your host machine Wi-Fi to the camera's access point (SSID) named: **Setup UVC Micro (xxxx)** (where xxxx is the last four characters of the MAC address of the UVC-Micro)
2. Launch a web browser and go to: **https://192.168.1.20**

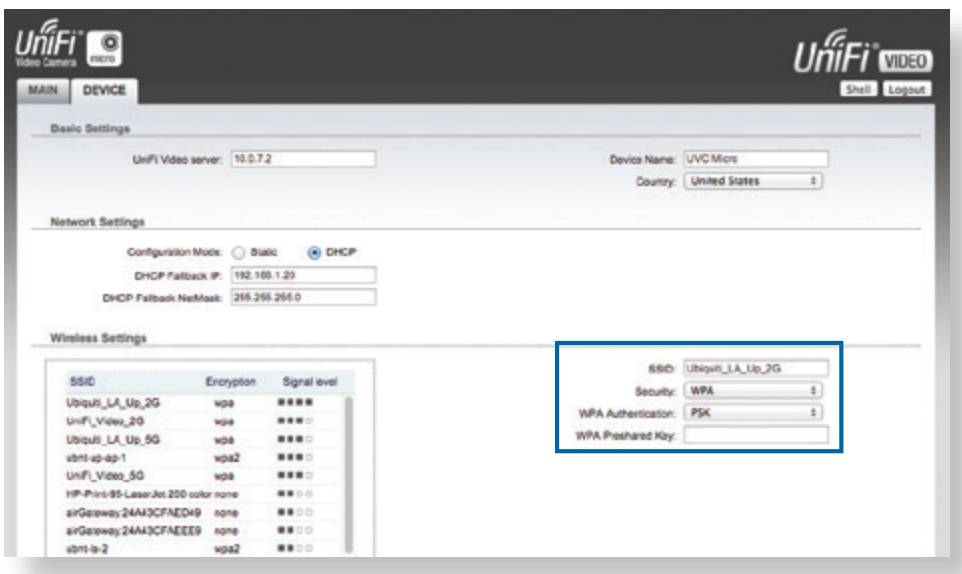
3. The login screen will appear. Enter **ubnt** in the *Username* and *Password* fields and click **Login**.
4. The *Main* screen will appear and you should see a live video stream from the camera. Click the *Device* tab.



5. On the *Device* page, click **Scan Networks**. Then choose your network that is running the UniFi Video software.

Note: If your network is hidden or does not show up in the SSID list, enter it manually in the next step.

6. Under the *Wireless Network Settings* section, enter the *SSID* and *Security* settings of your UniFi Video network. Click **Save Changes**.

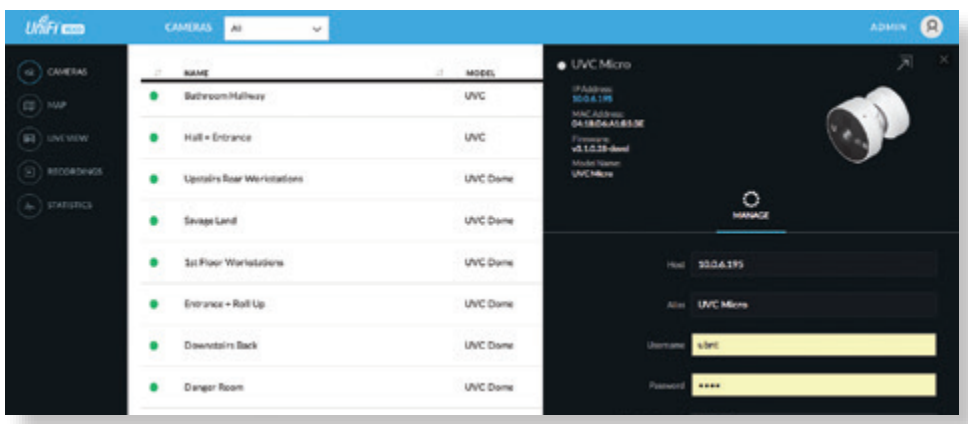


7. The UVC-Micro will reboot and connect to your UniFi Video network.
8. Connect your host machine to the same UniFi Video network.

UniFi Video

Ensure that you are running UniFi Video software version 3.1.0 or higher.
The latest version of the UniFi Video software is available at **downloads.ubnt.com/unifivideo**

Once the UVC-Micro and the UniFi Video software are connected to the same network, the UniFi Video auto-management feature should automatically detect and install your new camera(s).



For details on using the UniFi Video software, refer to the User Guide at **documentation.ubnt.com/unifivideo**

Specifications

UVC-Micro	
Dimensions	40.7 x 40.7 x 40.8 mm (1.61 x1.61 x 1.61")
Weight	53 g (1.87oz)
Network Interface	2.4/5 GHz Dual-Band Wi-Fi
Sensor	Progressive Scan RGB CMOS 1/4"
Lens	EFL=2.38 mm / F2.4
View Angle	79.13° (H), 54.15° (V), 88.45° (D)
Night Mode	Infrared LEDs with Mechanical IR Cut Filter
Video Compression	H.264
Resolution	720p HD (1280 x 720)
Max. Frame Rate	30 FPS
Microphone	Yes
Speaker*	Yes
Flash Memory Support	microSD (Max. 32 GB)
Power Supply	5.5V (5,5V) Adapter with 5 m (16') Power Cable
Max. Power Consumption	3.2W
Mounting	Wall/Ceiling/Corner Kit
Operating Temperature	0 to 35° C (32 to 95° F)
Operating Humidity	20 to 90% Noncondensing

* Functionality coming soon with a software update

Safety Notices

1. Read, follow, and keep instructions.
2. Heed all warnings.
3. Only use attachments/accessories specified by the manufacturer.

WARNING: Do not use this product in a 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. Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment.
4. Protective bonding must be installed in accordance with local national wiring rules and regulations.

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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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 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.

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 ID: SWX-MICRO has been approved by FCC to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Antenna Information:

Antenna type: Metal Antenna
Antenna gain: 1 dBi

Industry 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.

Users should also be advised that high-power radars are allocated as primary users (i.e. priority users) of the band 5650-5850 MHz and that these radars could cause interference and/or damage to LE-LAN devices. This radio transmitter (IC: 6545A-MICRO) has been approved by Industry Canada to operate with the antenna types listed below with the maximum permissible gain and required antenna impedance for each antenna type indicated. Antenna types not included in this list, having a gain greater than the maximum gain indicated for that type, are strictly prohibited for use with this device.

Antenna Information:
Antenna type: Metal Antenna
Antenna gain: 1 dBi

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 choisies 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.

Les utilisateurs devraient également noter que radars haute puissants sont alloués comme principaux utilisateurs (c'est-à-dire les utilisateurs de priorité) des bandes et 5650 à 5850 MHz et que ces radars pourraient causer des interférences ou dommages aux dispositifs LAN. Cet émetteur radio (IC: 6545A-MICRO) a été approuvée par Industrie Canada pour l'exploitation avec l'antenne types énumérés ci-dessous avec le gain maximal admissible et requis l'impédance de l'antenne pour chaque type d'antenne indiqué. Types d'antenne non inclus dans cette liste, ayant un gain supérieur au gain maximal indiqué pour ce type, sont strictement interdits pour une utilisation avec cet

appareil. Immédiatement suite à la remarque, le fabricant doit fournir une liste de tous les types d'antenne approuvé pour une utilisation avec l'émetteur, ce qui indique le gain maximal d'antenne permis (en dBi) et requis d'impédance pour chacun.

Informations d'antenne:
Type d'antenne: antenne métallique
Gain d'antenne: 1 dBi

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, except as listed for this product's certification.

Les antennes utilisées pour cet émetteur doit être installé pour fournir une distance de séparation d'au moins 20 cm de toutes les personnes et ne doit pas être situé ou opérant en conjonction avec une autre antenne ou un autre émetteur, sauf dans les cas énumérés à la certification de ce produit.

CE Marking

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

Online Resources

Support support.ubnt.com

Community community.ubnt.com

Downloads downloads.ubnt.com

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