1080p Indoor/Outdoor IP Camera with Infrared
Model: UVC-G3
Introduction

Thank you for purchasing the Ubiquiti Networks® UniFi® Video Camera G3. This Quick Start Guide is designed to guide you through installation and also includes warranty terms.

Package Contents

- UVC-G3
- PoE Adapter (24V, 0.5A) with Mounting Bracket*
- Power Cord*
- Cable Gland
- Screw Anchors (Qty. 2)
- Self-Tapping Screws (Qty. 2)
- Pole Mount Bracket
- Machine Screws (Qty. 2)
- Quick Start Guide

* Only the single-pack of the UVC-G3 includes a PoE adapter and a power cord.

Installation Requirements

- Shielded Category 5 (or above) cabling should be used for all wired Ethernet connections and should be grounded through the AC ground of the PoE.

We recommend that you protect your networks from harmful outdoor environments and destructive ESD events with industrial-grade, shielded Ethernet cable from Ubiquiti Networks. For more details, visit www.ubnt.com/toughcable

TERMS OF USE: All Ethernet cabling runs must use CAT5 (or above). Shielded Ethernet cable and earth grounding must be used for outdoor installations as conditions of product warranty. TOUGHCable™ is designed for outdoor installations. It is the professional installer’s responsibility to follow local country regulations.
Ethernet  Connects to the Ubiquiti PoE adapter for 24V passive PoE power and data.

Reset  To reset to factory defaults, press and hold the Reset button for more than 10 seconds while the camera is powered on.
Hardware Installation

The UniFi Video Camera G3 can be mounted on a wall, ceiling, or pole. Follow the appropriate steps for your installation:

Wall/Ceiling Mount

1. Remove the *Mounting Base* from the camera by turning the *Tilt/Mount Lock* counterclockwise.

2. Mark the mounting holes on the wall or ceiling.

**Note:** If you are running the cable along the wall or ceiling, position the *Cable Slot* towards the direction you want the cabling to run. For outdoor installations, position the *Cable Slot* downward.
3. Use a 7 mm drill bit to drill the mounting holes in the wall or ceiling.

**Note:** If you are running the Ethernet cable through the wall, cut a hole centered between the mounting holes that is large enough to feed the cable through.

4. Insert a *Screw Anchor* into each mounting hole.
5. If you are feeding the Ethernet cable through the wall or ceiling, do so now and feed it through the *Mounting Base*.

If not, feed the Ethernet cable through the *Mounting Base* and place the cable in the *Cable Slot*. These instructions show the *Cable Slot* positioned downward.

**IMPORTANT:** If you are installing your camera outdoors, create a drip loop in the cable below the camera to prevent water ingress.
6. Fasten the *Mounting Base* to the wall or ceiling using two *Self-Tapping Screws*.

7. Remove the camera from the *Adjustable Base* by turning the *Camera Lock* counterclockwise.
8. Feed the Ethernet cable through the *Cable Gland* and *Adjustable Base*. Seal the *Cable Gland* in place by firmly pressing around its edges. Then connect the cable to the *Ethernet Port* on the camera.

**IMPORTANT:** For proper weather sealing, the *Cable Gland* must fit securely within the *Adjustable Base* when the camera is mounted. Ensure that the *Cable Gland* is securely seated during installation and cable routing.

9. Connect the camera back to the *Adjustable Base* by turning the *Camera Lock* clockwise.
10. Set the pan angle of the *Adjustable Base* while connecting it to the *Mounting Base*. Then lock the camera to the *Mounting Base* by turning the *Tilt/Mount Lock* clockwise.

**Pole Mount**

To mount the UVC-G3 on a pole, a metal strap or hose clamp is required (not included).

1. Feed the metal strap through the slots on the *Pole Mount Bracket*. 
2. Wrap the metal strap around the pole and tighten the strap by turning the screw clockwise.

3. Remove the *Mounting Base* from the camera by turning the *Tilt/Mount Lock* counterclockwise.
4. Feed the Ethernet cable through the *Mounting Base*.

5. Fasten the *Mounting Base* to the *Pole Mount Bracket* using two *Machine Screws*. 
6. Remove the camera from the *Adjustable Base* by turning the *Camera Lock* counterclockwise.

7. Feed the Ethernet cable through the *Cable Gland* and *Adjustable Base*. Seal the *Cable Gland* in place by firmly pressing around its edges. Then connect the cable to the *Ethernet Port* on the camera.

**IMPORTANT:** For proper weather sealing, the *Cable Gland* must fit securely within the *Adjustable Base* when the camera is mounted. Ensure that the *Cable Gland* is securely seated during installation and cable routing.
8. Connect the camera back to the *Adjustable Base* by turning the *Camera Lock* clockwise.

9. Set the pan angle of the *Adjustable Base* while connecting it to the *Mounting Base*. Then lock the camera to the *Mounting Base* by turning the *Tilt/Mount Lock* clockwise.
Connecting to the PoE Adapter

**Note:** PoE adapters are not included with the UVC-G3 5-pack.

1. Connect the Ethernet cable from the camera to the **POE** port on the *PoE Adapter*.
2. Connect an Ethernet cable from your LAN to the **LAN** port on the *PoE Adapter*.
3. Connect the **Power Cord** to the *PoE Adapter*. Connect the other end of the **Power Cord** to a power outlet.

Mounting the PoE Adapter (Optional)

1. Remove the **PoE Mounting Bracket** from the adapter, place the bracket at the desired location, and mark the two holes.
2. Pre-drill the holes if necessary, and secure the bracket using two fasteners (not included).
3. Align the mounting slots on the adapter with the mounting tabs on the bracket, and then slide the adapter down.
UniFi Video

Ensure that you are running UniFi Video® software version 3.2 or higher. The latest version of the UniFi Video software is available at [www.ubnt.com/download/unifivideo](http://www.ubnt.com/download/unifivideo)

The UniFi Video auto-management feature should automatically detect your new camera(s). To manage the camera, perform the following steps:

1. Click the **Unmanaged** tab.

2. Click the camera row.
3. The *Camera Details* window will appear on the right side of the screen. Enter **ubnt** in the *Username* and *Password* fields and click **Manage**.

The camera will appear in the *Managed* cameras list.

**Note:** You may need to update the firmware from the *Firmware* tab to complete the camera installation.
UniFi Video App

Download the UniFi Video app from the App Store (iOS) or Google Play™ (Android).

For details on using the UniFi Video software, refer to the User Guide at: www.ubnt.com/download/unifivideo
Adjusting the Camera View

1. Loosen the *Tilt/Mount Lock* by turning it counterclockwise. Tilt the camera to adjust the angle and rotate it to level the view.

2. To adjust the pan angle or third axis, loosen the *Tilt/Mount Lock* completely and reseat the *Adjustable Base* at the desired angle.

3. Lock the view by turning the *Tilt/Mount Lock* clockwise.
# Specifications

<table>
<thead>
<tr>
<th>UVC-G3</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dimensions</strong></td>
</tr>
<tr>
<td>Ø 75 x 140 mm (Ø 2.95 x 5.51&quot;)</td>
</tr>
<tr>
<td><strong>Weight</strong></td>
</tr>
<tr>
<td>300 g (10.58 oz)</td>
</tr>
<tr>
<td><strong>Enclosure</strong></td>
</tr>
<tr>
<td>Injection-Molded Polycarbonate and Die-Cast Aluminum</td>
</tr>
<tr>
<td><strong>Sensor</strong></td>
</tr>
<tr>
<td>1/3&quot; 4-Megapixel HDR Sensor</td>
</tr>
<tr>
<td><strong>Lens</strong></td>
</tr>
<tr>
<td>EFL 3.6 mm, f/1.8</td>
</tr>
<tr>
<td><strong>Viewing Angle</strong></td>
</tr>
<tr>
<td>Before Lens Correction 85° (H), 44.8° (V), 98.1° (D)</td>
</tr>
<tr>
<td>After Lens Correction 72° (H), 42.9° (V), 80.4° (D)</td>
</tr>
<tr>
<td><strong>Night Mode</strong></td>
</tr>
<tr>
<td>IR LEDs with Mechanical ICR Filter</td>
</tr>
<tr>
<td><strong>Video Compression</strong></td>
</tr>
<tr>
<td>H.264</td>
</tr>
<tr>
<td><strong>Resolution</strong></td>
</tr>
<tr>
<td>1080p FHD (1920x1080)</td>
</tr>
<tr>
<td><strong>Maximum Frame Rate</strong></td>
</tr>
<tr>
<td>30 FPS</td>
</tr>
<tr>
<td><strong>Image Settings</strong></td>
</tr>
<tr>
<td>Brightness, Contrast, Sharpness, Saturation, Noise Reduction, 50/60 Hz</td>
</tr>
<tr>
<td><strong>Processor Specs</strong></td>
</tr>
<tr>
<td>Ambarella S2L63 (816 MHz ARM Cortex-A9)</td>
</tr>
<tr>
<td><strong>Memory Information</strong></td>
</tr>
<tr>
<td>512 MB DDR3L</td>
</tr>
<tr>
<td><strong>Management Interface</strong></td>
</tr>
<tr>
<td>UniFi Video v3</td>
</tr>
<tr>
<td><strong>Networking Interface</strong></td>
</tr>
<tr>
<td>(1) 10/100 Ethernet Port</td>
</tr>
<tr>
<td><strong>Microphone</strong></td>
</tr>
<tr>
<td>Yes</td>
</tr>
<tr>
<td><strong>Max. Power Consumption</strong></td>
</tr>
<tr>
<td>4W</td>
</tr>
<tr>
<td><strong>Power Method</strong></td>
</tr>
<tr>
<td>Passive PoE (24V)</td>
</tr>
<tr>
<td><strong>Power Supply</strong></td>
</tr>
<tr>
<td>24V, 0.5A PoE Adapter (Included)*</td>
</tr>
<tr>
<td><strong>Buttons</strong></td>
</tr>
<tr>
<td>Factory Reset Button</td>
</tr>
<tr>
<td><strong>Mounting</strong></td>
</tr>
<tr>
<td>Wall/Ceiling Mount</td>
</tr>
<tr>
<td><strong>Operating Temperature</strong></td>
</tr>
<tr>
<td>-30 to 70° C (-22 to 158° F)</td>
</tr>
<tr>
<td><strong>Operating Humidity</strong></td>
</tr>
<tr>
<td>20 to 90% Noncondensing</td>
</tr>
</tbody>
</table>

* Included only with the single-pack of the UVC-G3
Safety Notices

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

⚠️ **WARNING:** Hot surface. Do not touch.

⚠️ **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. 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

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
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 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:

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. Operation 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.

ISED Canada

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

This Class A digital apparatus complies with Canadian ICES-003.

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

Cet appareil numérique de la classe A est conforme à la norme NMB-003 du 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.

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 това устройство UVC-G3 е в съответствие със съществените изисквания и други приложими разпоредби на Директиви 2014/30/EC, 2014/35/EC. Цялостният текст на ЕС декларацията за съответствие може да се намери на следния интернет адрес: www.ubnt.com/compliance


Čeština [Czech] UBIQUITI NETWORKS tímto prohlašuje, že toto UVC-G3 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

Dansk [Danish] Hermed, UBIQUITI NETWORKS, erklærer at denne UVC-G3 enhed, er i overensstemmelse med de væsentlige krav og de andre relevante krav i direktiver 2014/30/EU, 2014/35/EU. EU-overensstemmelseserklæringens fulde tekst kan findes på følgende internetadresse: www.ubnt.com/compliance


English Hereby, UBIQUITI NETWORKS, declares that this UVC-G3 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


Con la presente, UBIQUITI NETWORKS, dichiara che questo dispositivo UVC-G3, è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti delle direttive 2014/30/UE, 2014/35/UE. Il testo completo della dichiarazione di conformità UE è disponibile al seguente indirizzo Internet: www.ubnt.com/compliance