



# UniFi® G3

Video Camera

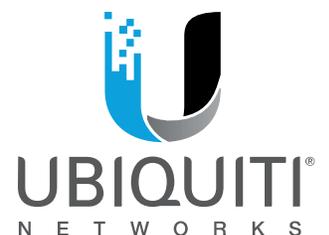
High-Definition IP Surveillance Cameras

Models: UVC-G3, UVC-G3-DOME

Scalable Day and Night Surveillance

Advanced Hardware and Optics for 1080p Full HD Video

Powerful Features and Analytic Capabilities



# UniFi® G3

## Video Camera

The UniFi® Video Cameras G3 and G3 Dome represent the next generation of cameras designed for use in the UniFi Video surveillance management system. These cameras offer 1080p Full HD resolution for day or night use and are integrated with the UniFi Video software for powerful and flexible, integrated IP video management.



## Cameras

### UniFi® G3

#### Video Camera

Model: UVC-G3

The UniFi Video Camera G3 features clear 1080p video resolution. The new ball joint mount design offers flexible 3-axis adjustment and can be mounted indoors or outdoors. The camera has infrared LEDs with an automatic IR cut filter for day and night surveillance. Available in a single-pack or 5-pack bundle.

- 1080p Full HD, 30 FPS
- EFL 3.6 mm,  $f/1.8$
- Outdoor Weather Resistant
- 24V Passive PoE
- Built-in Microphone
- Wall, Ceiling, or Pole Mount



### UniFi® G3

#### Video Camera DOME

Model: UVC-G3-DOME

The UniFi Video Camera G3 Dome features a wide-angle lens and 1080p video performance for expanded surveillance coverage. The new surface-mount design provides options for wall or ceiling installations. The infrared LEDs and an automatic IR cut filter provide day and night monitoring. Available in a single-pack or 5-pack bundle.

- 1080p Full HD, 30 FPS
- EFL 2.8 mm,  $f/2.0$
- Wide-Angle Lens
- 802.3af PoE or 24V Passive PoE
- Built-in Microphone
- Wall or Ceiling Mount



# Accessories

## IR Range Extender

Model: UVC-G3-LED

The IR Range Extender is an accessory to enhance the night vision range of the UVC-G3 camera.

- Enhances Night Vision Recordings
- Extends IR Range up to 25 m (82 ft)
- Six High-Intensity Infrared LEDs
- Powered and Controlled by the UVC-G3



## Dedicated Hardware NVR with UniFi Video software

Model: UVC-NVR

The UniFi NVR is a plug-and-play NVR appliance with low power consumption. The UniFi Video software is pre-installed for plug and play deployment. No additional software is required. Plug it into the network, go through the configuration wizard, and it is set up and ready to go.

The UniFi NVR has a built-in 500 GB hard drive. This equates to approximately 1200 recording hours at 480p resolution or 400 recording hours at 720p resolution (numbers can vary depending on the frame rate).



## UniFi® | SWITCH

### Managed Gigabit PoE Switch

Models: US-24-250W, US-24-500W, US-48-500W, US-48-750W

Connect and power all of your UniFi Video Cameras with a UniFi Switch. The UniFi Switch is a reliable enterprise switch featuring configurable passive 24V PoE or 802.3af/at PoE+.

- Up to 48 Ethernet Ports
- Up to 10G SFP+ Connectivity
- Non-Blocking Line Rate Performance
- Enterprise-Class Reliability





## Software

The UniFi Video software is pre-installed on the UniFi NVR for quick and easy deployment. The UniFi Video software can also be downloaded and installed on a Windows/Linux system.

### Features

**Feature-Packed User Interface** Accessible from a web browser, the UniFi Video interface was designed to be easy to use yet packed with advanced features. The UniFi Video interface is incredibly intuitive and loaded with powerful features such as detailed statistical reporting, multiple views, versatile camera settings, advanced analytics, and customizable event recordings.

**Plug and Play Installation** Automatic camera detection in the UniFi Video software makes it easy to install and deploy cameras. UniFi Video Camera settings are integrated into the UniFi Video software. Configure camera settings, reboot the camera, or upgrade the firmware from the UniFi Video interface.

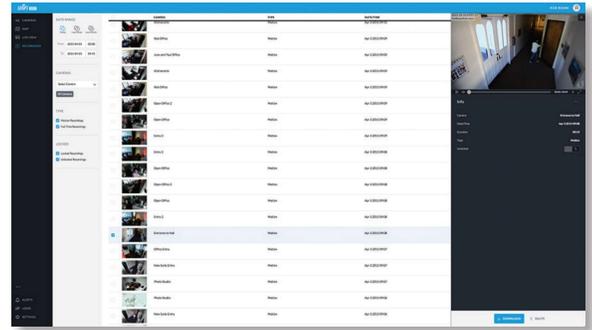
**Camera-Based Motion Detection** The UniFi Video cameras handle motion detection instead of the server, relieving the workload on the server and ensuring that compression and noise won't affect motion detection.

**Additional Live Views** Playlists can be created with a configurable live camera feed rotation. Define the cameras you want included in the playlist and how long you want them to appear on the screen before moving on to the next live feed.

**Disk Management Features** UniFi Video has automatic recording management to free up disk space. User-definable disk space and date-based auto purge allow users to keep a set amount of free disk space or automatically delete recordings after a certain number of days. Another storage feature is the ability to map external USB or network storage drives.

**Cost-Effective Solution** Shattering conventional industry thinking, Ubiquiti offers UniFi Video's powerful IP surveillance software at no additional cost. No huge upfront costs, no monthly subscription fees.

**Mobile App** UniFi Video may be accessed from iOS and Android™ using the *UniFi Video* mobile app.



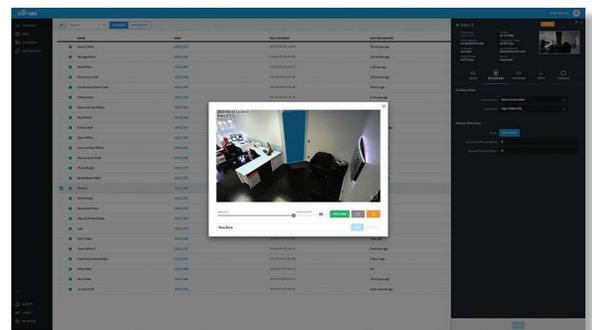
### Event Recordings

UniFi Video software provides a variety of options and settings to customize what your cameras record.



### Maps

Upload a map of your location(s) or use Google Maps to represent the areas where your cameras are located.



### Powerful Analytic Capabilities

Customize your own motion detection zones. You can place several zones and set their alarm sensitivity levels as high or low as the situation demands.





## Specifications

| UVC-G3                    |  |
|---------------------------|--|
| Dimensions                | Ø 75 x 140 mm (2.95 x 5.51")                         |
| Weight                    | 300 g (10.58 oz)                                     |
| Enclosure                 | Injection-Molded Polycarbonate and Die-Cast Aluminum |
| Networking Interface      | (1) 10/100 Ethernet Port                             |
| Sensor                    | 1/3" 4-Megapixel HDR Sensor                          |
| Lens                      | EFL 3.6 mm, F1.8                                     |
| Night Mode                | IR LEDs with Mechanical IR Cut Filter                |
| Microphone                | Yes  |
| Button                    | Factory Reset Button                                 |
| Power Method              | 24V Passive PoE                                      |
| Power Supply              | 24V, 0.5A PoE Adapter (Included with Single-Pack)    |
| Maximum Power Consumption | 4W   |
| Mounting                  | Wall/Ceiling/Pole                                    |
| Operating Temperature     | -30 to 70° C (-22 to 158° F)                         |
| Operating Humidity        | 20 - 90% Noncondensing                               |

| Video              |  |
|--------------------|--|
| Video Compression  | H.264  |
| Resolution         | 1080p Full HD (1920x1080)  |
| Maximum Frame Rate | 30 FPS   |
| Image Settings     | Brightness, Contrast, Sharpness, Saturation, Noise Reduction, 50/60 Hz |

| General                                 |   |
|---|---|
| Processor                               | Ambarella S2L   |
| Memory                                  | 512 MB DDR3L  |
| Viewing Angle<br>Before Lens Correction | 85° (H), 44.8° (V), 98.1° (D)   |
| After Lens Correction                   | 72° (H), 42.9° (V), 80.4° (D)   |
| Supported UniFi Video Version           | UniFi Video 3.2 (or Newer)  |
| UniFi Video System Requirements         | 64-bit Microsoft Windows 10/8/7, Ubuntu 12.04 or 14.04, or Debian 7.0 System with an Intel or Compatible 1.86 GHz (or Above) Processor and a Minimum of 2 GB RAM. |



## Specifications

| UVC-G3-DOME               |   |
|---------------------------|---|
| Dimensions                | Ø 132 x 60 mm (Ø 5.20 x 2.36")  |
| Weight                    | 260 g (9.17 oz)   |
| Networking Interface      | (1) 10/100 Ethernet Port  |
| Sensor                    | 1/3" 4-Megapixel HDR Sensor   |
| Lens                      | EFL 2.8 mm, F2.0  |
| Night Mode                | IR LEDs with Mechanical IR Cut Filter                                   |
| Microphone                | Yes   |
| Button                    | Factory Reset Button  |
| Power Method              | 802.3af PoE or 24V Passive PoE  |
| Power Supply              | 802.3af PoE Switch or 24V, 0.5A PoE Adapter (Included with Single-Pack) |
| Maximum Power Consumption | 4W  |
| Mounting                  | Wall/Ceiling  |
| Operating Temperature     | -30 to 70° C (-22 to 158° F)  |
| Operating Humidity        | 20 - 90% Noncondensing  |

| Video              |  |
|--------------------|--|
| Video Compression  | H.264  |
| Resolution         | 1080p Full HD (1920x1080)  |
| Maximum Frame Rate | 30 FPS   |
| Image Settings     | Brightness, Contrast, Sharpness, Saturation, Noise Reduction, 50/60 Hz |

| General  |   |
|--|---|
| Processor  | Ambarella S2L   |
| Memory   | 512 MB DDR3L  |
| Viewing Angle<br>Before Lens Correction<br>After Lens Correction | 100.4° (H), 59.1° (V), 117.3° (D)<br>87.8° (H), 55.4° (V), 96.4° (D)  |
| Supported UniFi Video Version                                    | UniFi Video 3.2 (or Newer)  |
| UniFi Video System Requirements                                  | 64-bit Microsoft Windows 10/8/7, Ubuntu 12.04 or 14.04, or Debian 7.0 System with an Intel or Compatible 1.86 GHz (or Above) Processor and a Minimum of 2 GB RAM. |

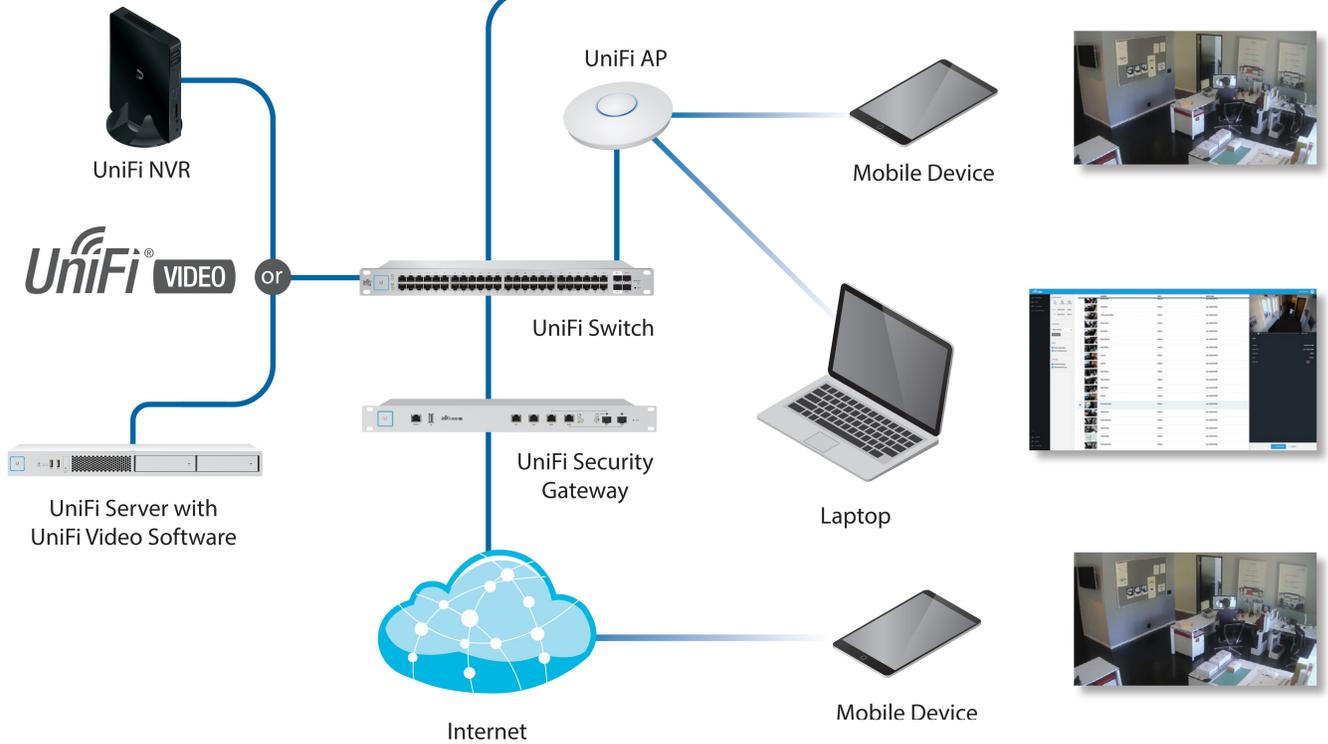
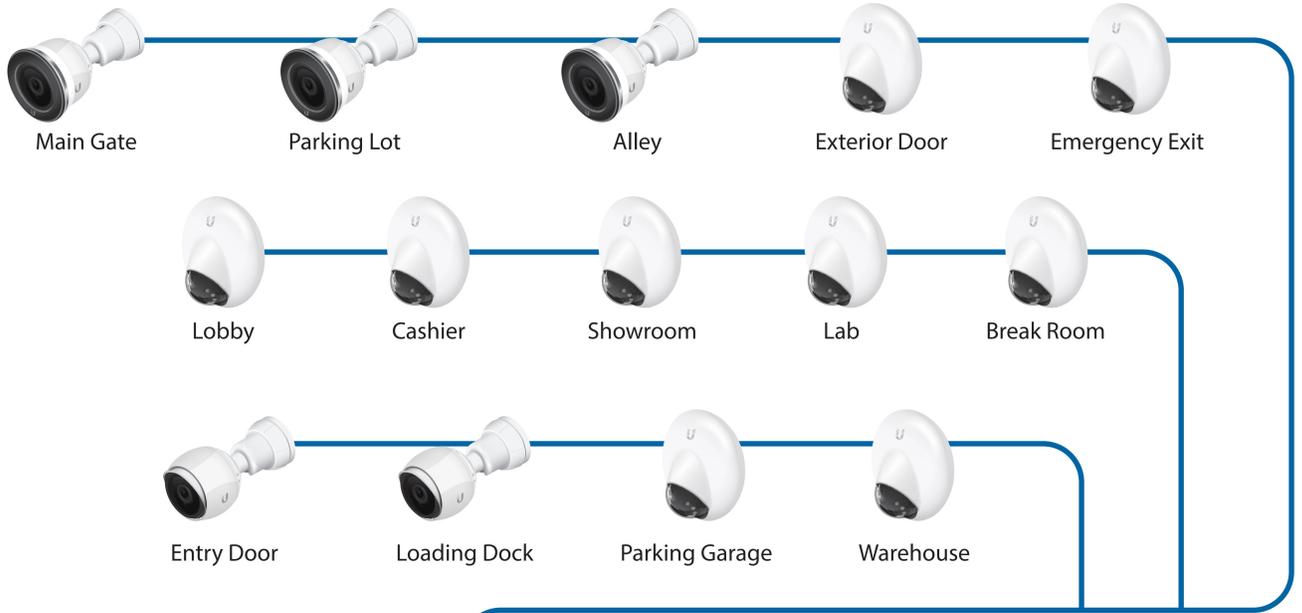


# Specifications

| UVC-NVR             |   |
|---------------------|---|
| Dimensions          | 135 x 190 x 25 mm (5.31 x 7.48 x 0.98") |
| Weight              | 483 g (17 oz)                           |
| Processor           | Intel D2550                             |
| Memory              | 4 GB                                    |
| Hard Drive Capacity | 500 GB                                  |
| Ports               | (1) 10/100/1000 Ethernet Port           |
| Power Supply        | 65 W, 19V, 3.42A                        |
| Certifications      | CE, FCC, IC                             |

| UniFi Video Software Specifications |   |
|-------------------------------------|---|
| Software                            | Browser-Based Interface, Tablets, and Smartphones Supported   |
| System Setup                        | Plug-and-Play Installation, Automatic Camera Detection  |
| NVR Camera Support                  | Recommended for up to 20 UniFi Video Cameras, Supports up to 50 Cameras   |
| Supported Devices                   | Operating Systems: Windows, Apple, and Linux<br>Browsers: Chrome, Firefox, MS Edge/Internet Explorer 10 (or newer), and Safari<br>Smartphones: iPhone and Android |
| Media Format                        | MP4 (H.264/AAC)   |
| Scheduling                          | Day/Time/Camera<br>Scheduled Video Recording/Motion Detection/Email Alerts  |
| Views                               | Custom Views of Multiple Cameras<br>Full Screen Capability  |

## System Example



UVC-G3



UVC-G3 + UVC-G3-LED



UVC-G3-DOME



1080p Full HD



# UniFi Switch Compatibility

The UniFi Video Camera G3 and G3 Dome are compatible with the UniFi Switches listed below.

| Camera Model | US-8  | US-8-60W  | US-8-150W   | US-16-150W  | US-24-250W  | US-24-500W  | US-48-500W  | US-48-750W  |
|--------------|---|---|---|---|---|---|---|---|
| UVC-G3       |  |  |  |  |  |  |  |  |
| UVC-G3-DOME  | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   | ✓   |

✓ Compatible with the UniFi switch

 Requires Instant 802.3af Gigabit PoE Converter: INS-3AF-I-G  or INS-3AF-O-G 

## Related Product Datasheets



UniFi Switch 8, UniFi Switch 8-60W:

[dl.ubnt.com/datasheets/unifi/UniFi\\_Switch\\_8\\_DS.pdf](http://dl.ubnt.com/datasheets/unifi/UniFi_Switch_8_DS.pdf)



UniFi PoE Switches:

[ubnt.com/datasheets/unifi/UniFi\\_PoE\\_Switch.pdf](http://ubnt.com/datasheets/unifi/UniFi_PoE_Switch.pdf)



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