



4K IP Video Surveillance System

Scalable Day and Night Surveillance

Advanced Hardware and Optics for 4K Ultra HD Video

Powerful Features and Analytic Capabilities



Introduction

The UniFi® Protect Camera, model UVC-G4-PRO, represents the next generation of cameras designed for use with the UniFi Protect surveillance management system. This camera offers 4K Ultra HD resolution for day or night use and integrates with the UniFi Protect software for powerful and flexible IP video management.

The UVC-G4-PRO is easy to set up, operate, and manage using the UniFi Protect software, which comes pre-installed the UCK-G2-PLUS, the latest generation Cloud Key controller.

Camera

Model: UVC-G4-PRO

The G4 Pro camera features a powered zoom lens and crisp 4K Ultra HD video performance with infrared capability. The versatile 3-axis mount enables indoor or outdoor installation of the camera. The camera has infrared LEDs with an automatic IR cut filter for day and night surveillance.

- 4K Ultra HD (3840 x 2160), 24 FPS
- F 4.24 - 12.66 mm, $f/1.53 - f/3.3$
- Wide-Angle/Zoom Lens
- OS08A20 Sensor, 1/1.8"
- IP67-Rated Weather Resistance
- Enhanced Low-Light Performance
- Integrated High-Power Infrared LEDs
- 802.3af/802.3at support
- Built-in Microphone
- Wall, Ceiling, or Pole Mount



UniFi Protect Overview

Designed for convenient monitoring and complete management of your camera surveillance system, the UniFi Protect Controller allows you to set up, configure, and monitor your UniFi cameras using a graphical user interface. As one of the built-in apps on the Cloud Key Gen2 Plus, there are no separate software, licensing, hosting, or support fees.

Features

Easy Setup Using a standard web browser or Bluetooth from your mobile device, deployment of your UniFi Protect controller can be set up and configured in a matter of minutes.

Web Browser Access UniFi Protect is accessible via WEB browser and designed to be easy to use, yet packed with advanced features. The UniFi Protect interface is incredibly intuitive and loaded with powerful features such as statistical reporting, multiple live view options, versatile camera settings, advanced analytics, and customizable event recordings.

Plug and Play Installation Automatic camera detection in UniFi Protect makes it easy to install and deploy cameras. All of the camera settings are integrated into the software. You can also configure, reboot, or upgrade the firmware on any camera from within the UniFi Protect interface.

Additional Live Views Configure playlists that automatically rotate the live view feed between cameras. Define the cameras you want to include in the playlist and how long you want them to appear on the screen before moving on to the next live feed.

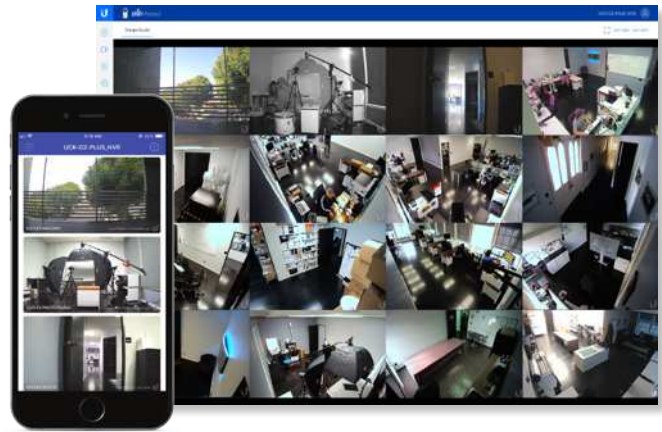
Cost-Effective Solution Shattering conventional industry thinking, UniFi Protect provides powerful IP surveillance software without any huge, up-front costs or monthly subscription fees.

Mobile App The downloadable app provides free remote cloud access to your UniFi Protect system. It also allows you to securely access video recordings that are privately stored on the Cloud Key Gen2 Plus rather than a third-party server or internet cloud.



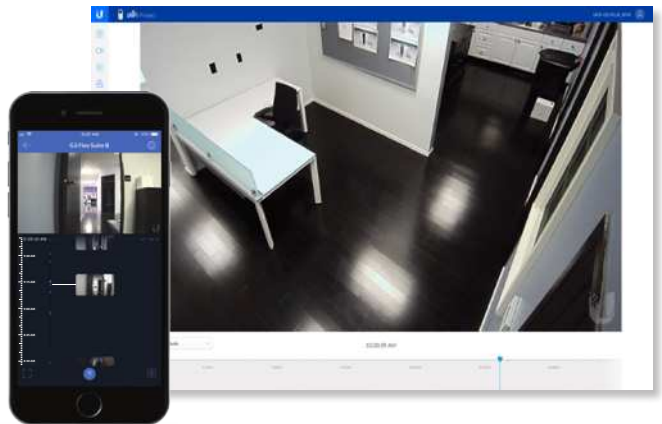
Live View

View up to 20 live camera feeds in a single window. With basic and advanced template options available, choose the live view template that's right for you.



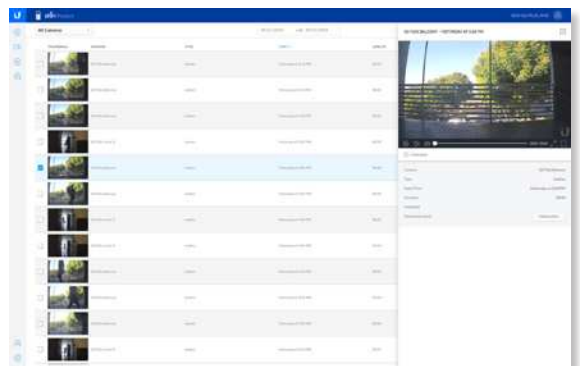
Time Lapse

The new Time Lapse feature allows you to scroll through video events and recordings quickly and efficiently. Now you can sift through hundreds of hours of video in just minutes.



Events

Video recordings are stored privately on the Cloud Key Gen2 Plus. With a built-in 1 TB HDD, you can retain hundreds of events and recording hours without third-party storage or online digital footprints.



UVC-G4-PRO	
Dimensions (Without Mounting Plate)	Ø 86 x 153 mm (Ø 3.39 x 6.02")
Weight (Without Mounting Plate)	700 g (1.54 lb)
Networking Interface	(1) 10/100/1000 Ethernet Port
Management Interface Managed Mode Standalone Mode	UniFi Protect Camera Integrated Web UI
Sensor	OS08A20, 1/1.8"
Lens	F 4.24 - 12.66 mm; <i>f</i> /1.53 - <i>f</i> /3.3
Night Mode	IR LEDs with Mechanical IR Cut Filter
Microphone	Yes
Button	Factory Reset Button
Power Method	IEEE 802.3af/at
Power Supply	802.3af/802.3at or UniFi PoE Switch
Maximum Power Consumption	12.5W
Mounting	Wall/Ceiling/Pole
Operating Temperature	-20 to 50° C (-4 to 122° F)
Operating Humidity	0 to 90% Noncondensing
Weatherproofing	IP67



Video	
Video Compression	H.264
Resolution	4K Ultra HD (3840 x 2160)
Maximum Frame Rate	24 FPS
Image Settings	Flip, Brightness, Contrast, WDR, Hue, Infrared, Sharpness, Saturation, Denoise, 50/60 Hz Flicker Reduction

General	
Viewing Angle Wide Zoom	108° (H), 58° (V), 125° (D) 37° (H), 20° (V), 43° (D)

UCK-G2-PLUS	
Dimensions	131.16 x 27.10 x 134.20 mm (5.16 x 1.07 x 5.28")
Weight	582 g (1.28 lb)
Networking Interface	(1) 10/100/1000 Ethernet Port
Management Interface	UniFi Management Portal UniFi Network; UniFi Protect
Hard Drive Capacity	1 TB, 2.5" SATA HDD (User-Upgradeable)
Device Capacity UniFi Protect Mode UniFi SDN + Protect	Up to 20 UniFi Cameras Up to 15 UniFi Cameras and 50 UniFi Devices
eMMC Memory	32 GB
Networking Interface	(1) 10/100/1000 Ethernet Port
Buttons	(1) Power (1) Reset
LEDs	(1) Power, White/Blue
Power Method	Standard 802.3af PoE Quick Charge 2.0/3.0 power adapter (9VDC, 2A)
Supported Voltage Range	Standard 802.3af PoE or 9VDC, 2A
Max. Power Consumption	12.95W (PoE) USB-C Power
Operating Temperature	0 to 35° C (32 to 104° F)
Operating Humidity	20 to 80% Noncondensing
Certifications	CE, FCC, IC



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