DATASHEET



UniFi® CLOUD KEY GEN2 +

Hybrid Cloud Key Technology with Integrated Application Server

Model: UCK-G2-PLUS

- Fully Integrated, Stand-Alone UniFi® Controller with 1TB HDD
- Multi-Site Network Management and IP Video Surveillance
- Remote, Private Cloud Access to UniFi SDN and UniFi Protect

UBIQUITI® NETWORKS

UniFi® CLOUD KEY GEN2 +

UniFi Controller with Hybrid Cloud

The UniFi Cloud Key Gen2 Plus is an integrated hardware controller and self-contained application server designed to monitor and manage your UniFi network devices and camera surveillance system. It features an eight-core processor with 3 GB RAM, a 1 TB SATA HDD for video storage, and 32 GB eMMC flash storage, and utilizes the latest version of the UniFi Controller with hybrid cloud technology.

Breakthrough Efficiency

The UniFi Cloud Key Gen2 Plus is fully capable of configuring and managing dozens of UniFi devices on your network, and offers an ultra-low energy PoE replacement for a dedicated server or computer, with virtually no digital footprint.

Hybrid Cloud Technology

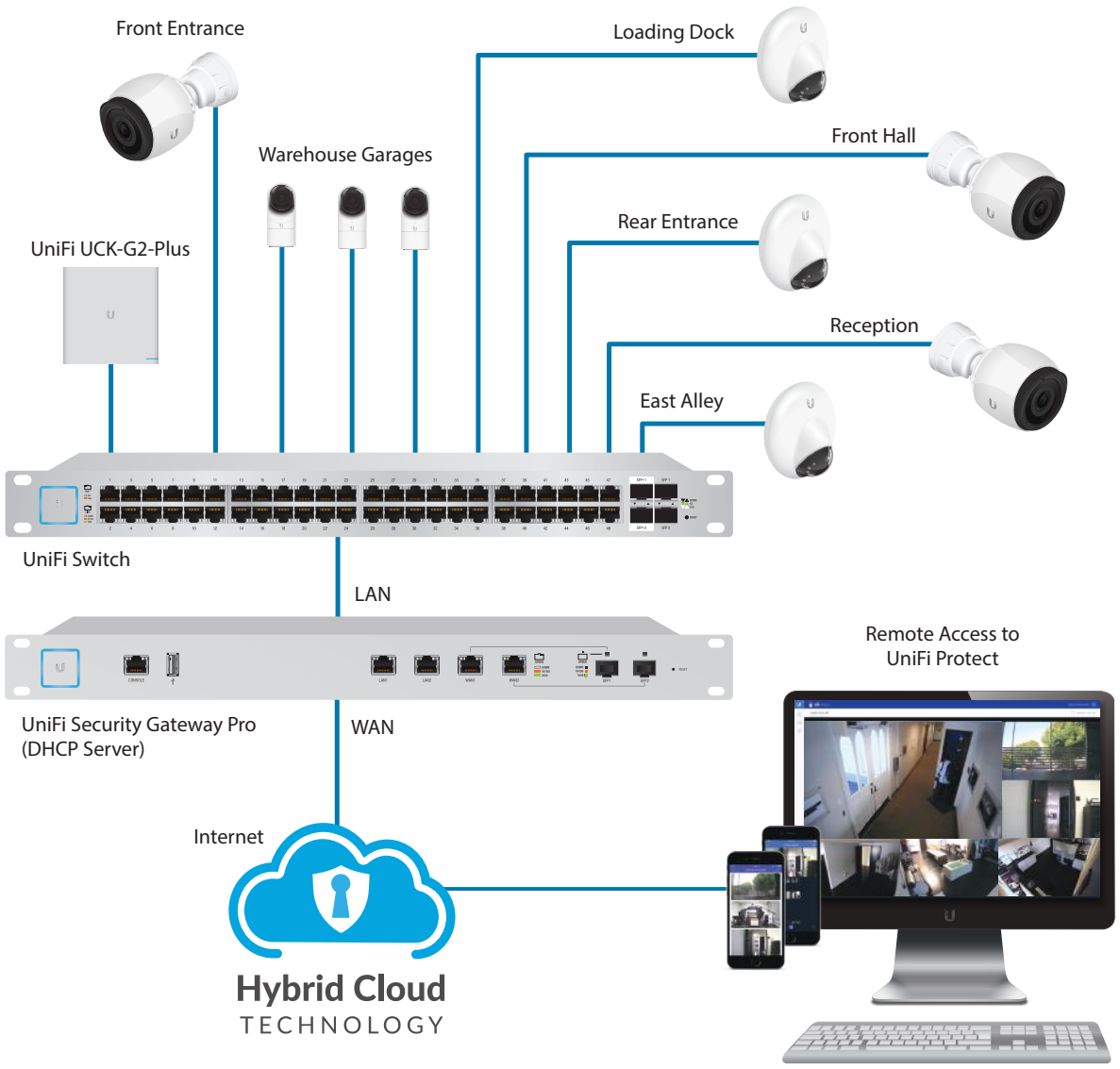
The Ubiquiti® hybrid cloud configuration provides a secure, private SSO (Single Sign-On) to access all of your UniFi deployments from anywhere in the world. With the Ubiquiti hybrid cloud, a third-party hosted cloud service is not required, so all of your personal data and network information remains local and secure–the way it should be.

Incredible, Agile Scalability

Add, provision, configure, monitor, and manage all of your UniFi devices, whether in one or hundreds of private networks–all from a centralized control panel.

Easily accessible through one of our downloadable apps or a standard web browser (Chrome recommended), the UniFi Cloud Key Gen2 Plus is a powerful solution for managing your UniFi networks across the campus or across the globe.

UniFi Protect System



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 setup from your mobile device, deployment of your UniFi Protect controller can be set up and configured in a matter of minutes.

Feature-Packed User Interface Accessible from a web browser, the UniFi Protect was 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 views 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 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.

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

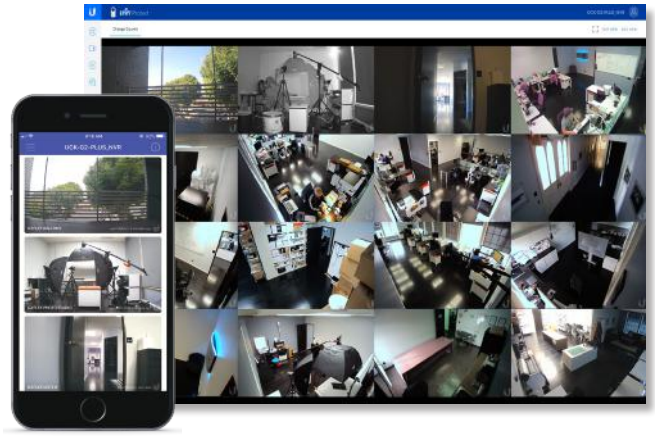
Mobile App The downloadable app provides free remote cloud access to your UniFi Protect system. It also allows you to securely access video recordings that are privately stored on the Cloud Key Gen2 Plus and not a third-party server or internet cloud.

Download on the App Store

GET IT ON Google Play

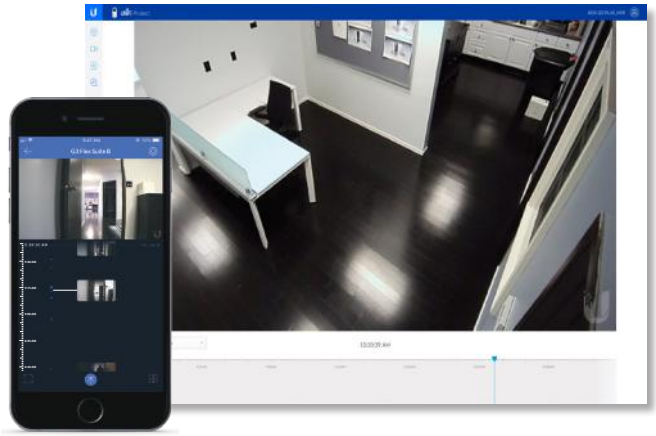
Live View

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.



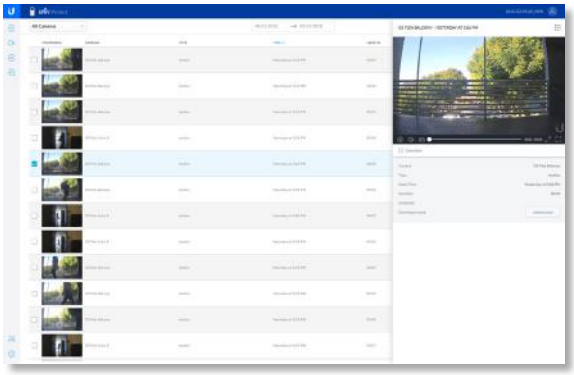
Time Lapse

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 recording hours without third-party storage or online digital footprints.



UniFi SDN Controller

Designed for convenient management, the UniFi SDN Controller software allows admins to configure and monitor UniFi devices using a graphical user interface. There are no separate software, licensing, hosting, or support fees.

Multi-Site Management

A UniFi Cloud Key Gen2 Plus installed at each deployment site provides an always-on, private UniFi cloud service. Every site is accessible through its assigned secure SSO. Each Cloud Key Gen2 Plus is independent with its own network monitoring, configuration, maps, statistics, and admin accounts.

Improved User Experience

Redesigned to be more intuitive and easier to navigate, the new UI raises the bar for enterprise network management efficiency. Important network details are logically organized for a simplified, yet powerful, interface.

Network Overview

A comprehensive overview of your network health is readily available in the new dashboard. Monitor your network's vitals and make on-the-fly adjustments as needed.

Detailed Analytics

Use the configurable reporting and analytics to monitor large user groups and expedite troubleshooting.

LAN/WLAN Groups

The UniFi SDN Controller can manage flexible configurations of large deployments. Create multiple LAN and WLAN groups and assign them to the respective UniFi devices.

Wi-Fi Management

Use the UniFi SDN Controller to provision UniFi APs, configure wireless networks, map out networks, and quickly manage system traffic. Powerful Wi-Fi management features include:

- RF monitoring and device mapping
- Detailed RF performance analysis
- Band steering support
- Guest portal/hotspot support

Router and Switch Management

Use the UniFi Controller to provision UniFi Security Gateways and Switches. Configure a variety of features:

- WAN/LAN/VLAN configuration
- Operation mode (switching, mirroring, or aggregate) per port
- PoE setting per port (device dependent)
- Jumbo frame and flow control services
- Monitor and analyze performance of each port

Dashboard

UniFi provides a visual representation of your network's status and delivers basic information about each network segment.



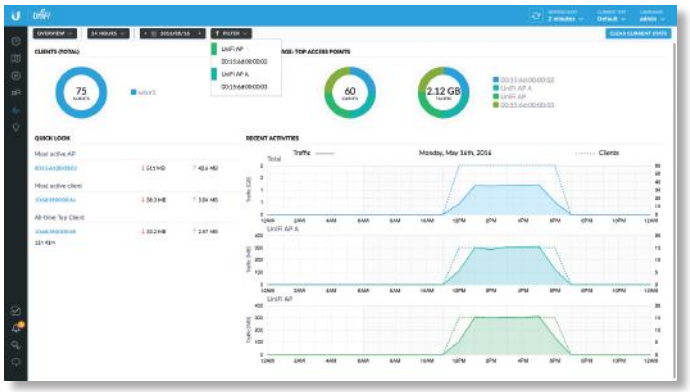
SDN Mobile App

The downloadable app provides free remote cloud access to your UniFi Controller. It also allows you to analyze and manage the health and traffic of your UniFi network from anywhere in the world using your single-signon Ubiquiti account.

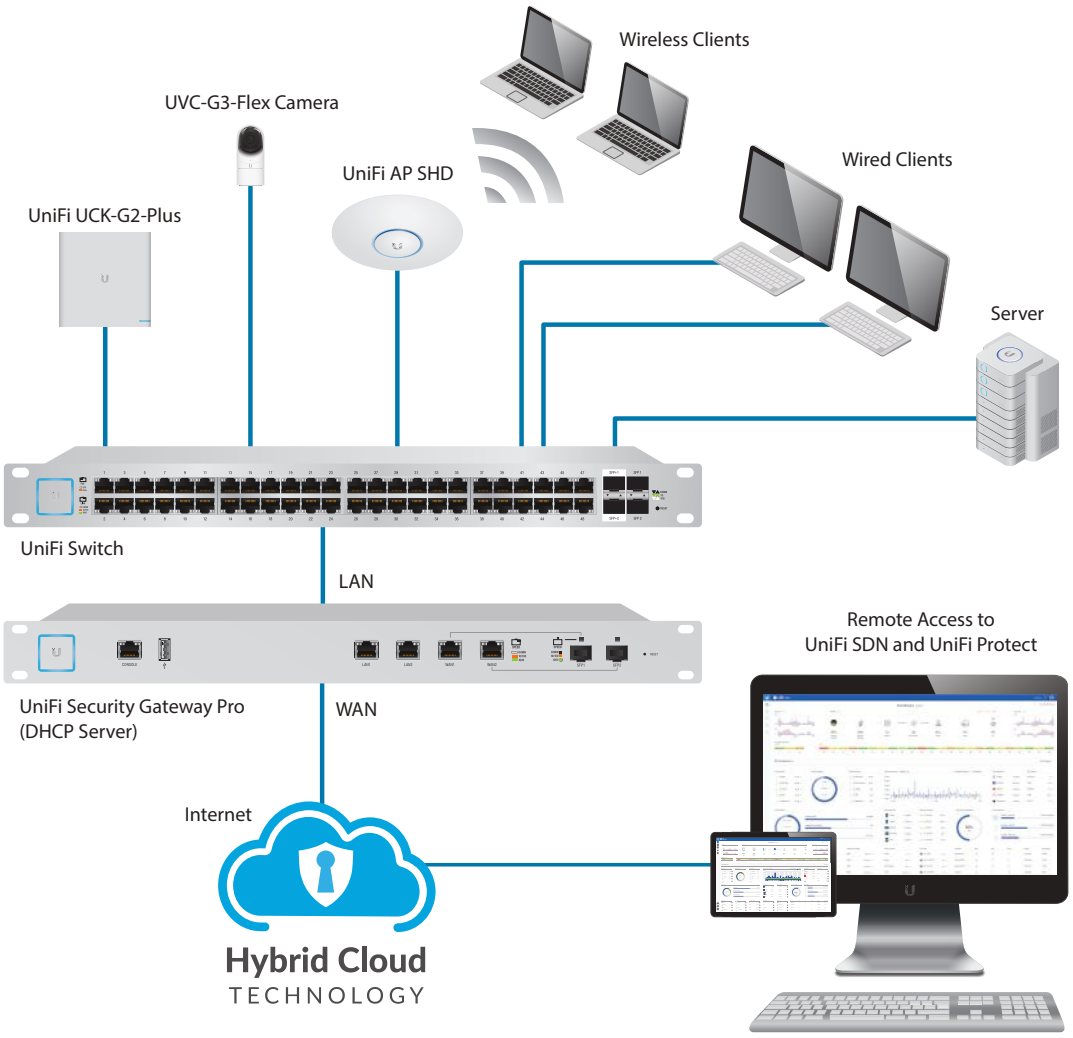


Statistics

The *Statistics* tab provides a visual representation of the network clients and network traffic carried by your managed UniFi Switches and APs.



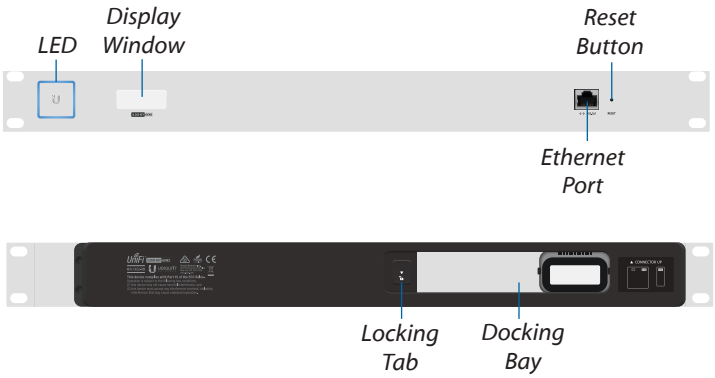
UniFi SDN System



Rackmount Accessory

Now you can mount the Cloud Key Gen2 Plus in a standard 19" rack, along with other UniFi switches and network devices. Sold separately, the optional Rackmount Accessory, model CKG2-RM, features a docking bay for the Cloud Key Gen2 Plus and an alternate Ethernet port[1] for power and network connectivity.

The *Docking Bay* is also designed to house the Cloud Key Gen2 model, UCK-G2. Simply press the *Locking Tab* on the back of the Rackmount Accessory and adjust the size of the *Docking Bay*.





CKG2-RM with UCK-G2-Plus installed

[1] To prevent creating a loop or other unfavorable behavior on the network, only one Ethernet connection should be used. Do not use the Ethernet port on the Cloud Key Gen2 Plus and the Rackmount Accessory simultaneously

Specifications

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)
Enclosure	Anodized Aluminum
Management Interface	UniFi Management Portal; UniFi SDN; UniFi Protect
Hard Drive Capacity	1 TB 2.5" SATA HDD (user-upgradeable*)
Device Capacity UniFi Protect Mode UniFi SDN + Protect	 Up to 20 G3 Cameras Up to 10 G4 Cameras Up to 15 UniFi Cameras and 50 UniFi Devices 7 G4 Cameras
Processor	APQ8053 8 Core with 3 GB RAM
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 95° F)
Operating Humidity	20 to 80% Noncondensing
Certifications	CE, FCC, IC

* *The Cloud Key Gen2 Plus only supports hard drives that can operate on 5V power. Hard drives that require additional power are not supported.*



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