Video Camera
Network Video Recorder with 500 GB Hard Drive
Model: UVC-NVR
Introduction

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

The UniFi Video User Guide is available for download at downloads.ubnt.com/unifivideo

Package Contents

UniFi NVR
Vertical Support Stand
Power Adapter (19V, 3.42A)
Power Cord
Quick Start Guide

TERMS OF USE: All Ethernet cabling runs must use CAT5 (or above). It is the customer's responsibility to follow local country regulations, including operation within legal frequency channels, output power, indoor cabling requirements, and Dynamic Frequency Selection (DFS) requirements.
# Hardware Overview

## Front Panel

<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
</tr>
</thead>
</table>
| **Power Button** | Powers ON or OFF the UniFi NVR.  
- **Power ON** Press the Power button to turn on the UniFi NVR and start all services.  
- **Soft Power OFF** Briefly press the Power button to stop all services and safely shut down the UniFi NVR.  
- **Hard Power OFF** Press and hold the Power button until the LEDs turn off to immediately turn off the UniFi NVR. |
| **Reset Button** | Resets the UniFi NVR to factory defaults. The UniFi NVR must be fully booted and running. Press and hold the Reset button for about 10 seconds. The UniFi NVR will automatically reboot with default settings. |

**WARNING:** Resetting the UniFi NVR erases all recordings and configuration settings.

**Note:** Onboard audio and USB controllers are disabled and not used.
## Back Panel

### Interface and Description

<table>
<thead>
<tr>
<th>Interface</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>10/100/1000 Ethernet</td>
<td>Connect the <em>Ethernet</em> port to the same LAN hosting your UniFi Video Cameras</td>
</tr>
<tr>
<td>Power</td>
<td>Connect the <em>Power Adapter</em> to the <em>Power</em> port.</td>
</tr>
</tbody>
</table>

**Note:** Onboard video and USB controllers are disabled and not used.
Hardware Installation

The small form factor of the UniFi NVR allows it to be placed vertically or horizontally on any flat surface.

Vertical Placement

Place the UniFi NVR in the narrow opening of the *Vertical Support Stand*. 
Connecting the UniFi NVR

1. Connect an Ethernet cable from your LAN to the *Ethernet* port.

2. Connect the *Power Adapter* to the *Power* port.
3. Connect the *Power Cord* to the *Power Adapter*. Connect the other end of the *Power Cord* to a power outlet.
Accessing the UniFi NVR

The UniFi Video configuration portal is accessed by using a web browser. There are two ways to access the portal:

- **Ubiquiti Device Discovery Tool**  For users with a DHCP-enabled LAN and using the Chrome browser.
- **Direct Connection to UniFi NVR**  Configure the UniFi NVR by connecting it directly to your computer via Ethernet.

Ubiquiti Device Discovery Tool

The Ubiquiti Device Discovery Tool is available as a stand-alone application and as a Chrome extension (Chrome browser required). The utility is available for download at: www.ubnt.com/download/utilities

1. Press the **Power** button on the UniFi NVR, and wait about one minute for it to fully boot up and start all services.
2. Download and install the Ubiquiti Device Discovery Tool.
3. Launch the Ubiquiti Device Discovery Tool.

4. A list of Ubiquiti devices on the network will appear. Locate **UniFi NVR** in the **Device Type** column. Click the IP address of the NVR in the **Host** column.
5. The UniFi Video configuration portal will appear in a new browser window.

6. Skip to Configuring UniFi Video.
Direct Connection to the UniFi NVR

1. Connect the Ethernet cable from the UniFi NVR directly to your computer.

2. Press the **Power** button on the UniFi NVR, and wait about one minute for it to fully boot up and start all services.

3. Configure the Ethernet adapter on your computer with a static IP address on the 192.168.1.x subnet.

4. Launch a web browser and type **http://192.168.1.30** in the address field. Press **enter** (PC) or **return** (Mac).

5. The UniFi Video configuration portal will appear in a new browser window.
Configuring UniFi Video

1. Click the **UniFi Video** image in the UniFi Video configuration portal to log in.

   ![UniFi Video Login](image)

   **Note:** Advanced configuration options, such as network settings, may be accessed by clicking the `configuration` icon. The default username and password is **ubnt**.

2. The UniFi Video Setup Wizard will appear. Click **I accept this license agreement** to accept the terms and continue.

   ![Setup Wizard](image)
3. Enter a system name for your NVR, select your preferred language, and specify your time zone. Click **Next**.

4. Enter an administrator email address and password to use when accessing the UniFi Video Controller Interface. Confirm your password. Click **Next**.
5. Review your settings. Click **Finish** to save your settings, or click **Back** to make changes. When finished, the UniFi Video Controller Interface will launch.

6. The UniFi Video login screen will appear. Enter the email address and password that you created, and click **Submit**.

For detailed information on using the UniFi Video software, download the UniFi Video User Guide at: [documentation.ubnt.com/unifivideo](https://documentation.ubnt.com/unifivideo)
## Specifications

### UniFi NVR

<table>
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<th>Specification</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Dimensions</td>
<td>135 x 190 x 25 mm (5.31 x 7.48 x 0.98&quot;)</td>
</tr>
<tr>
<td>Weight</td>
<td>483 g (17 oz)</td>
</tr>
<tr>
<td>Processor</td>
<td>Intel D2550</td>
</tr>
<tr>
<td>Memory</td>
<td>4 GB</td>
</tr>
<tr>
<td>Hard Drive Capacity</td>
<td>500 GB</td>
</tr>
<tr>
<td>Networking Interface</td>
<td>(1) 10/100/1000 Ethernet Port</td>
</tr>
<tr>
<td>Power Supply</td>
<td>65W, 19V, 3.42A</td>
</tr>
<tr>
<td>Certifications</td>
<td>FCC, CE, IC</td>
</tr>
</tbody>
</table>

### UniFi Video Software

<table>
<thead>
<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Software</td>
<td>Browser-Based Interface, Tablets and Smartphones Supported</td>
</tr>
<tr>
<td>System Setup</td>
<td>Plug-and-Play Installation, Automatic Camera Detection</td>
</tr>
<tr>
<td>Camera Support</td>
<td>Recommended for up to 20 UniFi Video Cameras Supports up to 50</td>
</tr>
<tr>
<td>Supported Operating Systems</td>
<td>64-bit Windows 7 or Windows 8, Ubuntu 12.04, Ubuntu 14.04, or Debian 7 Linux</td>
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<tr>
<td>Supported Browsers</td>
<td>Chrome</td>
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<td>Supported Smartphones</td>
<td>iPhone and Android</td>
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<td>Media Format</td>
<td>MP4 (H.264/AAC)</td>
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<td>Scheduling</td>
<td>Day/Time/Camera Scheduled Video Recording/Motion Detection/Email Alerts</td>
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<tr>
<td>Views</td>
<td>Custom Views of Multiple Cameras Full Screen Capability</td>
</tr>
</tbody>
</table>
Safety Notices

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

**WARNING:** Do not use this product in 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.
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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.

The users manual or instruction manual for an intentional or unintentional radiator shall caution the user that changes or modifications not expressly approved by the party responsible for compliance could void the user’s authority to operate the equipment.

Note: 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. 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.
Industry Canada

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

This Class B digital apparatus complies with Canadian CAN ICES-3(B).
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.

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

Cet appareil numérique de la classe B est conforme à la norme NMB-3(B)
Canada.
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.

Australia and New Zealand

⚠️ Warning: This is a Class B product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

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**

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.
Declarations of Conformity

Česky [Czech]  UBIQUITI NETWORKS tímto prohlašuje, že toto UBIQUITI NETWORKS zařízení, je ve shodě se základními požadavky a dalšími příslušnými ustanoveními směrníc 2014/30/EU, 2014/35/EU.

Dansk [Danish]  Hermed, UBIQUITI NETWORKS, erklærer at denne UBIQUITI NETWORKS enhed, er i overensstemmelse med de væsentlige krav og øvrige relevante krav i direktiver 2014/30/EU, 2014/35/EU.

Nederlands [Dutch]  Hierbij verklaart UBIQUITI NETWORKS, dat deze UBIQUITI NETWORKS apparaat, in overeenstemming is met de essentiële eisen en de andere relevante bepalingen van richtlijnen 2014/30/EU, 2014/35/EU.

English [English]  Hereby, UBIQUITI NETWORKS, declares that this UBIQUITI NETWORKS device, is in compliance with the essential requirements and other relevant provisions of Directives 2014/30/EU, 2014/35/EU.

Eesti [Estonian]  Käesolevaga UBIQUITI NETWORKS kinnitab, et antud UBIQUITI NETWORKS seade, on vastavus olulistele nõuetele ja teistele asjakohastele sätetele direktiivide 2014/30/EL, 2014/35/EL.


Français [French]  Par la présente UBIQUITI NETWORKS déclare que l’appareil UBIQUITI NETWORKS, est conforme aux exigences essentielles et aux autres dispositions pertinentes des directives 2014/30/UE, 2014/35/UE.


Ελληνική [Greek]  Δια του παρόντος, UBIQUITI NETWORKS, δηλώνει ότι αυτή η συσκευή UBIQUITI NETWORKS, είναι σε συμμόρφωση με τις βασικές απαιτήσεις και τις λοιπές σχετικές διατάξεις των οδηγιών 2014/30/ΕΕ, 2014/35/ΕΕ.


Íslenska [Icelandic]  Hér, UBIQUITI NETWORKS, því yfir að þetta UBIQUITI NETWORKS tæki er í samræmi við grunnkröfur og önnur viðeigandi ákvæði tilskipana 2014/30/ESB, 2014/35/ESB.

Italiano [Italian]  Con la presente, UBIQUITI NETWORKS, dichiara che questo dispositivo UBIQUITI NETWORKS, è conforme ai requisiti essenziali ed alle altre disposizioni pertinenti delle direttive 2014/30/UE, 2014/35/UE.


Norsk [Norwegian] Herved UBIQUITI NETWORKS, erklærer at denne UBIQUITI NETWORKS enheten, er i samsvar med de grunnleggende kravene og andre relevante bestemmelser i direktive 2014/30/EU, 2014/35/EU.

Polski [Polish] Niniejszym, Ubiquiti Networks, oświadcza, że urządzenie UBIQUITI NETWORKS, jest zgodny z zasadniczymi wymaganiami oraz pozostałymi stosownymi postanowieniami Dyrektyw 2014/30/UE, 2014/35/UE.

Português [Portuguese] UBIQUITI NETWORKS declara que este dispositivo UBIQUITI NETWORKS, está conforme com os requisitos essenciais e outras disposições das Directivas 2014/30/UE, 2014/35/UE.

Română [Romanian] Prin prezenta, UBIQUITI NETWORKS declară că acest dispozitiv UBIQUITI NETWORKS este în conformitate cu cerințele esențiale și alte prevederi relevante ale Directivelor 2014/30/UE, 2014/35/UE.

Slovensky [Slovak] Týmto UBIQUITI NETWORKS, prehlasuje, že toto UBIQUITI NETWORKS zariadenie, je v súlade so základnými požiadavkami a ďalšimi relevantnými ustanoveniami smernice 2014/30/EÚ, 2014/35/EÚ.

Español [Spanish] Por medio de la presente UBIQUITI NETWORKS declara que este dispositivo UBIQUITI NETWORKS, cumple con los requisitos esenciales y cualesquiera otras disposiciones aplicables o exigibles de las Directivas 2014/30/EU, 2014/35/EU.

Svenska [Swedish] Härem UBIQUITI NETWORKS, intygar att denna UBIQUITI NETWORKS enhet är i överensstämmelse med de väsentliga egenskapskrav och övriga relevanta bestämmelser som framgår av direktiven 2014/30/EU, 2014/35/EU.

Resources

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