Package Contents

Contents may vary depending on your order specifics.

Installation Requirements

- UniFi Cable
- Cable Tester
- Power Tools (Hammer Drill and Phillips #2 Drill for ceiling mounting)
- Wire Stripper (Only if sockets are not in place for Ethernet cable ends)

IMPORTANT: The UDR model supports the UniFi Controller v5.7.x or higher.

System Requirements

- Microsoft Windows 7/8/8.1/10
- Microsoft Windows Server 2008/2008 R2/2012/2012 R2/2016
- Mac OS X 10.9 or later
- Microsoft Azure Cloud Hosting Services (see the Cloud Hosted Section)
- Web Browser: Google Chrome 30 or later (recommended) or Firefox/Safari

Hardware Overview

LED

Ports

Ethernet	Connecting Ethernet
Reset	Reset button
Power	Connecting Power

UniFi Cabling Notes

- UniFi Cabling Notes: Except when Mounting Bracket is used, Secure the UniFi Cable to the Mounting Surface with Cable Clips (Not Included).

Ethernet	Connecting Ethernet
Reset	Reset button
Power	Connecting Power

- The Power Cable can be connected to the UniFi unit.
- Connecting Power Cable to the UniFi unit:
  - Connect to Power Output Ethernet Port and Use Power Cable for Power Input Connection.

Warning

- Ensure that the UniFi Cable is connected to the power port and not connected to the Ethernet port.

Ethernet	Connecting Ethernet
Reset	Reset button
Power	Connecting Power

- Ethernet Port:
  - Connecting Ethernet Cable Using the Mounting Screws, Screws or Cable Clips.

Mounting Bracket

Cutting Tile

Cutting Installation: We recommend that the Mounting Bracket screws from the Hardware Kit be used to secure the Mounting Bracket to the wall. If the wall is made of Brick, Concrete or Stucco, you will need to drill a hole, using the provided bit.

Note: Hole Drilling Installation: Drill a hole where the Mounting Bracket will be placed, using the provided bit. Insert the provided anchor into the hole before installation.

Hardware Installation

The UDR can be mounted on the wall or ceiling. Follow the steps in the appropriate section.

Wall Mount

1

2

Optional

3

4

5

Optional

6

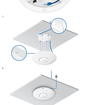
7

8

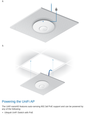
9

Ceiling Mount

1



2



3

4

5

6

7

8

9

10

11

Powering the UDR-VP

- Connecting Power to the UDR using the PoE Port support such can be powered by the UPS Module.
- Connecting Power to the UDR using the PoE Port support such can be powered by the UPS Module.
- Connecting Power to the UDR using the Power Port, requires a Power Cable.

Note: Ensure that the UDR is powered by the Supplied PoE Adapter. Only Ubiquiti Power Products are recommended for use with the UDR-VP.

Connecting to a PoE Switch

- Connecting Ethernet cable from the UDR-VP directly to an 802.3af compliant port on the switch.

Connecting to the PoE Adapter

- Connecting Ethernet cable from the switch to the PoE port on the PoE Adapter.
- Connecting Ethernet cable from the port on the PoE Adapter labeled "Power Output" to the Ethernet port on the UDR-VP. Ensure that the Ethernet cable is connected properly.

Mounting the PoE Adapter (Optional)

- Mounting the PoE Adapter is optional. If mounting is desired, place the bracket on the desired location and mark the hole locations.
- Drill the hole locations using the provided drill bit. Insert the provided anchors into the drilled holes.
- Attach the mounting bracket to the wall using the Phillips Mounting Screws, and then slide the PoE adapter onto it.

Software Installation

Download and install the latest version of the UniFi Controller software. Launch it once installation is complete and follow the steps in the Setup Wizard to add the UDR-VP to UniFi. UniFi is available at ui.com/download/unifi.

Alternatively, you can add the UDR-VP to your UniFi Cloud Key or UniFi Cloud Access using the latest version of the UniFi Controller software. Refer to the UniFi Quick Start Guide for more information.

You will then be prompted to create a new site, name your installation, configure UniFi Protect settings, and create a UniFi Protect administrator account.

Mobile App Installation

Download and install UniFi Protect for iOS or Android to manage Ubiquiti cameras and video recorders. Ubiquiti's mobile app provides the ability to view live video, receive notifications, and manage motion settings. Contact your IT or network administrator for information on how to connect to a remote UniFi Protect Network.

Specifications

Dimensions	5.5 in x 5.5 in x 1.1 in (140 x 140 x 28 mm)
Weight	0.6 lb (0.27 kg)
Mounting/Wiring Box	3.5 in x 3.5 in x 1.5 in (89 x 89 x 38 mm)
Operating Temperature	-22 to 122 °F (-30 to 50 °C)
Power Method	PoE 48V
Power Source	48V Gigabit Ethernet (802.3af)
Max. Power Consumption	12W
Ethernet Port	1 x 10/100/1000
Max. Transmit Power (2.4 GHz / 5 GHz)	20 dBm 20 dBm
Antenna Gain (2.4 GHz / 5 GHz)	3 dBi 4 dBi
Max. Channel Bandwidth	80 MHz
Frequency (2.4 GHz / 5 GHz)	2.412-2.472 GHz 5.180-5.825 GHz
Max. Transmit Data Rate	867 Mbps
Mounting	Wall, Ceiling
Cable Length	100 ft (30 m)
Max. Video Resolution	1080p
Max. Video Frame Rate	30 fps
Max. Video Streams	3
Max. Concurrent Connections	100
Storage	Micro SD (Up to 128 GB)
Operating Temperature	-22 to 122 °F (-30 to 50 °C)
Operating Humidity	10 to 90% Non-Condensing
Certifications	CE, FCC, IC

Ethernet	802.3af, 802.3at, 802.3u, 802.3ab, 802.3x, 802.3z
Management	Unifi Protect
Max. Video Streams	3
Video Compression	H.264
Video Edge AI	Motion, Zones
Video Buffer	Pre: 2 sec Post: 10 sec
Video Modes	H.264 in MP4 container
Local Storage	Micro SD (Up to 128 GB)
Power Method	PoE 48V
Power Source	48V Gigabit Ethernet (802.3af)
Max. Power Consumption	12W
Operating Temperature	-22 to 122 °F (-30 to 50 °C)
Operating Humidity	10 to 90% Non-Condensing
Certifications	CE, FCC, IC

Safety Notices

1. Read the Quick Start Guide.
2. Keep all warnings.
3. Only use the accessories specified by the manufacturer.

WARNING: Ensure that the unit is installed by trained and qualified personnel.

WARNING: Ensure that the unit is installed in accordance with the applicable electrical regulations.

Electrical Safety Information

- Compliance is based on the latest IEC standards, which cover electrical equipment intended for installation in a restricted access location. These standards include IEC 60950-1 and IEC 60601-1 and its applicable derivatives. Other IEC standards may be applicable to this equipment depending on its intended application. Installation and use of this equipment must be in accordance with the relevant electrical regulations.
- In Canada, the Canadian Electrical Code (CEC) is the primary applicable electrical regulation. In the United States, it is the National Electrical Code (NEC). In other countries, the International Electrical Commission (IEC) standards are generally accepted as the main standards.
- In the European Union, all equipment must comply with the relevant safety standards. For information on which safety standards are applicable to this equipment, contact the manufacturer or its authorized representative.
- The power supply for this product should be a Class 2 power source. Do not connect this product to any power source that is not in accordance with the specification for Class 2 power. Any power source that supplies power to this product should be rated for the environment in which it is installed. Contact the manufacturer if you are unsure what type of power source is required for your application.
- Ethernet (LAN) cables are intended for use within the building and/or weather protected locations. Ethernet (LAN) cables exposed to lightning or other high energy electrical transients should be considered as improperly installed.
- Ethernet (LAN) cable ports are intended for connection to non-hazardous circuits. Ethernet (LAN) cable ports should not be connected to any circuit that is subject to transients in excess of the overvoltage category II specification.
- Ethernet (LAN) cable ports are intended for connection to circuits that do not leave the building in which the equipment is installed. Ethernet (LAN) cable ports should not be connected to any circuit that is subject to sustained voltages in excess of 60 VDC.
- Ethernet (LAN) cable ports are intended for connection to circuits that are bonded to earth ground.
- Ethernet (LAN) cable ports are intended for connection to circuits that are not subject to lightning or other high energy electrical transients. Ethernet (LAN) cable ports should not be connected to any circuit that is subject to lightning or other high energy electrical transients.
- Ethernet (LAN) cable ports are intended for connection to circuits that are not subject to sustained voltages in excess of 60 VDC.
- Ethernet (LAN) cable ports are intended for connection to circuits that are bonded to earth ground.

IMPORTANT NOTE

- Do not connect to any circuit that is not in accordance with its intended purpose.
- Do not connect to any circuit that is not in accordance with its specification.
- Do not connect to any circuit that is not in accordance with its installation requirements.
- Do not connect to any circuit that is not in accordance with its operating conditions.
- Do not connect to any circuit that is not in accordance with its installation location (indoor or outdoor).
- Do not connect to any circuit that is not in accordance with its intended connection method (direct, through a building/campus backbone, or point-to-point).
- Do not connect to any circuit that is not in accordance with its intended use.
- Ethernet (LAN) cable ports are not to be connected to any public telecommunications network or any circuit that is subject to the provisions of a telecommunications standard.

Compliance

FCC

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 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. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to attempt to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment under FCC rules.

ISED Canada

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

This Class B digital apparatus complies with Canadian Interference-Causing Equipment Regulations.

Cet appareil numérique de la classe B est conforme au Règlement canadien sur le matériel générateur de parasites.

Australia and New Zealand

- Warning: This equipment is compliant with Class A of CISPR 32. In a residential environment, this equipment may cause radio interference.

Brazil

- This EMC Declaration Mark conforms to the Brazilian Law 242/2000 and Resolution 442 of the Brazilian Telecommunications Agency (ANATEL).

CE Marking

CE Marking for Ubiquiti products sold within the European Economic Area (EEA) and Switzerland.

CE

Operating Frequencies

CH	DE	DK	EE	ES	FI	FR	GR	HR	IE	IT	LT	LU	LV
MT	NL	NO	PL	PT	RO	SE	SI	SK	TR	UK			

- Note: The device states the - 75 power dBm/MHz EIRP for operations.

Operating power summary for the device in the Frequency Ranges:

- Note: The device transmitted power with EIRP shall operate in the 5150 - 5350 MHz band only for indoor applications.
- Note: The transmitter shall not be able to IEEE 802.11N MCS9 40MHz mode. Only operate in MCS8 mode.
- Note: Products with the Wi-Fi Alliance Certified Interoperability certificate marks can be used in other countries and areas.

WEEE Compliance Statement

Declaration of Conformity

Online Resources

Copyright © 2021 Ubiquiti Networks, Inc.