



Cable Accessory
Model: UVC-Pro-C

QUICK START GUIDE

Introduction

Thank you for purchasing the Ubiquiti Networks™ UniFi® Video Camera PRO Cable Accessory, model UVC-Pro-C. The accessory is designed for use with the UVC PRO.

In addition to the convenient Reset button, the UVC PRO Cable Accessory provides Ethernet, Audio In/Out, and mFi RJ45 connectors.

This Quick Start Guide is designed to guide you through the installation of the UVC PRO Cable Accessory, and also includes the warranty terms.

Package Contents



UVC PRO Cable Accessory



O-Ring



Quick Start Guide

Installation Requirements

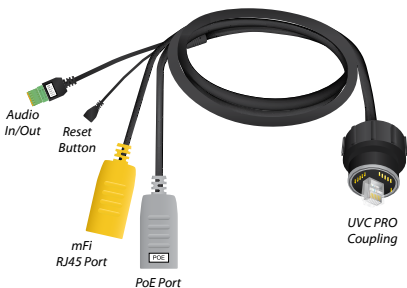
- Shielded Category 5 (or above) cabling should be used for all outdoor Ethernet wiring and should be grounded through the AC ground of the PoE.

We recommend that you protect your networks from the most brutal environments and devastating ESD attacks with industrial-grade shielded Ethernet cable from Ubiquiti Networks.

For more details, visit www.ubnt.com/toughcable

TERMS OF USE: Shielded Ethernet cable and earth grounding must be used as conditions of product warranty. TOUGHcable™ is designed for outdoor installations. It is the customer's responsibility to follow local country regulations.

Cable Overview



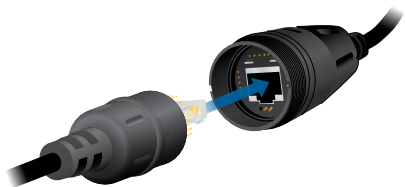
Connection	Description
<i>Audio In/Out</i>	Features two-channel audio input and one-channel audio output to a speaker.
<i>Reset Button</i>	To reset to factory defaults, press and hold the <i>Reset</i> button for more than 10 seconds while the UVC PRO is already powered on.
<i>mFi RJ45 Port</i>	Connects to a mFi mPort using a standard RJ45 cable, making the UVC PRO a configurable digital sensor in an mFi system.
<i>PoE Port</i>	Ethernet port used for data and provides Power over Ethernet (PoE) to the UVC PRO.
<i>UVC PRO Coupling</i>	Connects to the UVC PRO waterproof gland.

Cable Installation

1. Install the waterproofing *O-Ring* inside the waterproof gland of the UVC PRO cable.

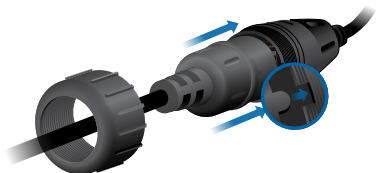


2. Align the RJ45 connector of the *UVC PRO Coupling* with the Ethernet port of the waterproof gland. Ensure the RJ45 pin connections are facing each other.



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3. Press the *UVC PRO Coupling* into the waterproof gland and ensure the alignment notches are lined up.

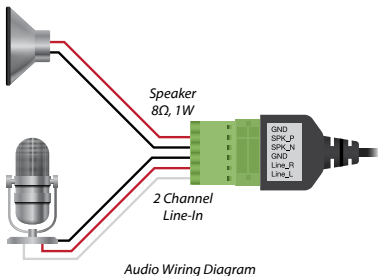


4. Secure the connection by turning the coupling nut clockwise. Do not use any tools. Only hand-tighten the coupling nut.

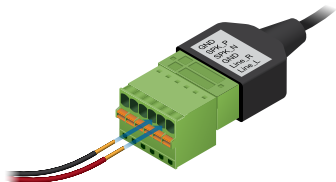


Audio In/Out Connection

The Audio In/Out Connection provides one-channel output and two-channel (stereo) input. Use the included terminal block to connect your audio wires. The audio wires should be 20 - 28 AWG, solid single-core wires.



1. Insert a stripped wire into the corresponding hole of the terminal block.



2. Slightly pull on the wire to ensure it is locked into the terminal.

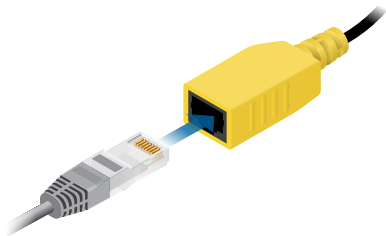


Note: To remove a wire from the terminal block, push in the orange release button below the wire and pull the wire out.

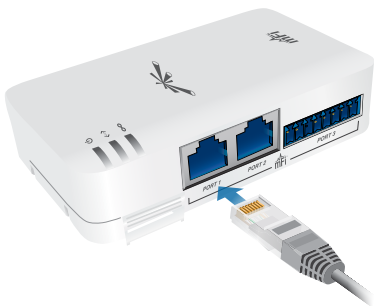
mFi Connection



Connect to an mFi mPort to integrate the UVC PRO into an mFi system. The UVC PRO can be used as a digital sensor for machine-to-machine automation, sensing, and monitoring.

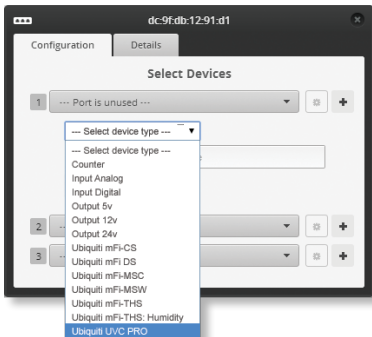
1. Connect an Ethernet cable to the yellow *mFi RJ45* port.



2. Connect the other end of the cable to the mFi RJ45 port of an mPort.



3. Launch the mFi Controller.
4. Click the *Settings*  icon of the mPort.
5. In the *Configuration* tab of the *mPort Settings* window, click the *Add*  icon and select **Ubiquiti UVC PRO** from the device type drop-down list.

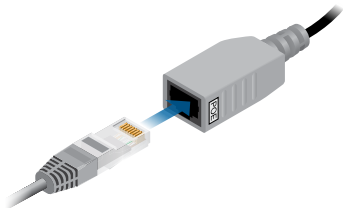


Note: Ensure the latest version of mFi Controller is installed. If *Ubiquiti UVC PRO* is not listed in the device type drop-down list, use *Output 12v* as the device type.

For more mFi integration details, visit the mFi Knowledge Base at <http://community.ubnt.com/mfi/kb>

Connecting Power over Ethernet

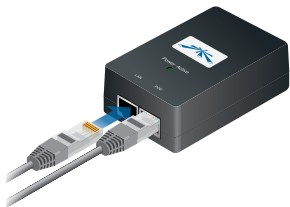
1. Connect an Ethernet cable to the gray *PoE* port.



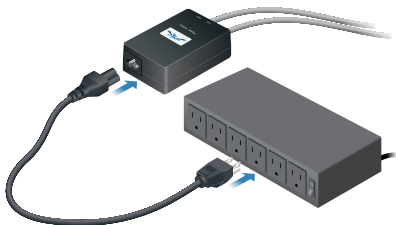
2. Connect the other end of the Ethernet cable to one of the following:
 - *PoE Adapter* Connect to the Ethernet port labeled **POE** on the UVC PRO *PoE Adapter*.
 - *TOUGHSwitch PRO or Carrier* Connect to a port with 48V PoE enabled and skip steps 3 and 4.



3. Connect an Ethernet cable from your LAN to the Ethernet port labeled **LAN** on the *PoE Adapter*.



4. Connect the other end of the power cord to a power outlet. The Power LED should light up on the UVC PRO.



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. 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.
4. Contact a qualified electrician or the manufacturer if there are questions about the installation prior to connecting the equipment.
5. Protective earthing is provided by Listed AC adapter. Building installation shall provide appropriate short-circuit backup protection.
6. 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.

Online Resources

Support support.ubnt.com

Community community.ubnt.com

Downloads downloads.ubnt.com



Additional UVP-Pro Accessories

UVC-Pro-M

Large Pole Mount Accessory

- Industrial-Grade Metal Mount
- Fits up to 160 mm Diameter Poles
- Mounts One or Two Cameras



Available UniFi Video Products

UVC-NVR

Stand-Alone UniFi Video Appliance

- UniFi Video Controller
- Network Video Recorder
- 500 GB Hard Drive
- Low Power Consumption



UVC

Indoor/Outdoor Camera

- 720p HD, 30 FPS
- Day and Night with Infrared LEDs
- Wall, Ceiling, or Pole Mount



UVC-DOME

Indoor, Wide-Angle Camera

- 720p HD, 30 FPS
- Day and Night with Infrared LEDs
- Ceiling Mount





www.ubnt.com