

ADC-V516 - Installation Guide

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Pre-installation checklist



- ADC-V516 camera (included).

- AC power adapter (included).
- 2.4 GHz or 5 GHz Wi-Fi connection to broadband internet (Cable, DSL, or Fiber Optic). For information about bandwidth requirements, see [What are the internet service and bandwidth requirements for Alarm.com video devices?](#).
- An [Alarm.com](#) account with a service package that supports video.
- A computer, tablet, or smartphone with Wi-Fi is required if the router does not have the Wi-Fi Protected Setup (WPS) feature.

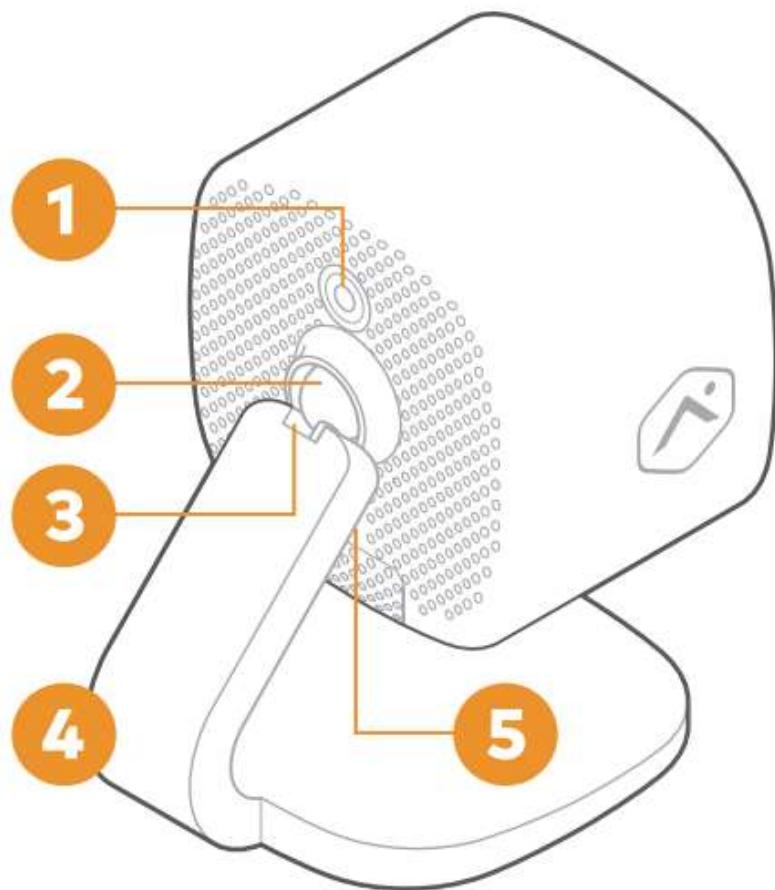
There are two options for connecting the ADC-V516 to the Internet: Access Point (AP) mode and Wi-Fi Protected Setup (WPS) mode. Use WPS mode if you have easy access to the customer's router and the router has the WPS feature enabled.

Note: Some Internet Service Providers disable the WPS feature on customer routers. AP mode is the most reliable wireless method for installing this device.

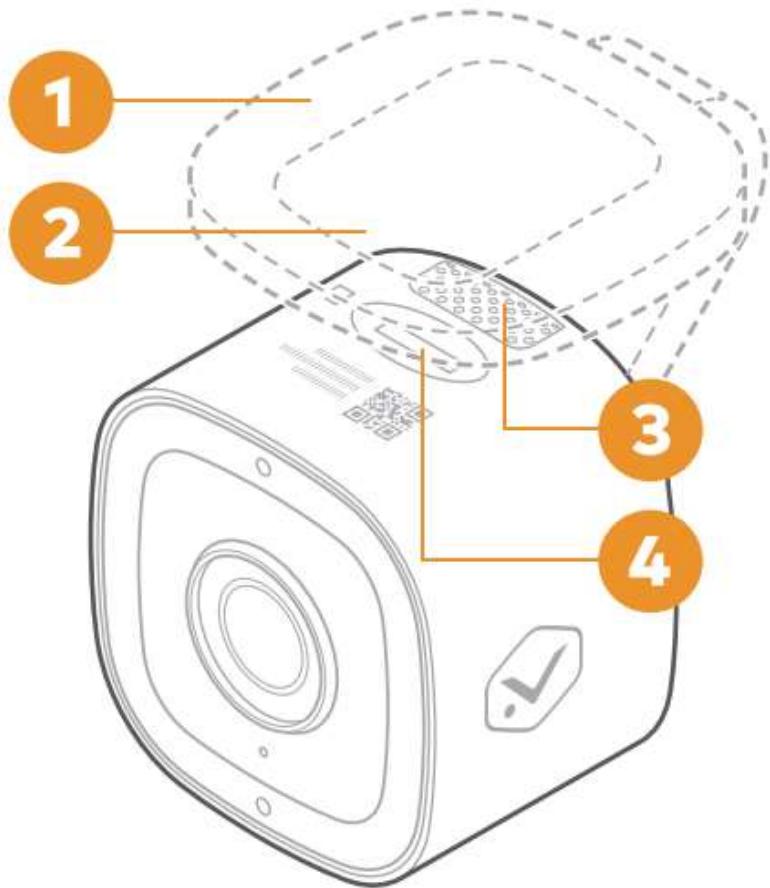
In the box

- ADC-V516 camera
- Mounting bracket
- Power adapter
- Installation guide
- Wall anchors & screws (x2) (use 3/16" or 5 mm drill bit)

Installation



1. DC power connector
2. Friction ball joint
3. Friction hinge joint
4. Base
5. Reset / WPS button



1. Rubber pad
2. Mounting recess
3. Speaker
4. Micro SD card slot

For information about general video installation and maintenance guidelines, see [Video Installation Best Practices](#).

Wall Mounting Instructions

1. Ensure you have the ADC-V516 camera, mounting bracket, power adapter, and wall anchors and screws (use a 3/16" or 5 mm drill bit).
2. Select an appropriate location for the camera, ensuring it is near a power outlet and within range of your Wi-Fi network.

3. Use the mounting bracket to mark the screw holes on the wall. Drill holes at the marked locations and insert the wall anchors. Attach the mounting bracket to the wall using the screws provided.
4. Attach the camera to the mounting bracket.
5. Connect the camera's DC power adapter and plug it into a outlet.
6. Adjust the camera angle as needed using the friction ball joint and hinge joint and ensure the camera is securely mounted.

Connect the camera to the Wi-Fi network

AP mode

To ensure a sufficient Wi-Fi signal, complete these steps with the camera near its final location but prior to mounting.

1. Connect the camera's AC power adapter and plug it into a non-switched outlet. If the standard power supply is too short to reach an outlet, see [How do I extend the power supply of a camera?](#).
2. The camera's LED will begin to blink white. If the LED is not white after two minutes, hold down the resetbutton  and release when the LED begins to blink white (about 6 seconds).
3. On an Internet-enabled device, connect to the Wi-Fi network ADC-V516 (XX:XX:XX) where XX:XX:XX is the last six characters of the ADC-V516's MAC address, which is located on the camera or on the packaging.
4. On the same device, open a web browser and enter <http://v516install> in the URL field. Follow the on-screen instructions to add the ADC-V516 to the Wi-Fi network. The LED will be solid green when the connection is complete.
5. To complete the installation, see [Add the device to the account](#).

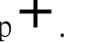
WPS mode

To ensure a sufficient Wi-Fi signal, complete these steps with the camera near its final location but prior to mounting.

1. Connect the camera's AC power adapter and plug it into a non-switched outlet.
2. Hold down the Resetbutton  on the back of the camera and release when the LED begins to blink blue (about 3 seconds).
3. Activate the WPS mode on the router. The camera will begin to connect to the Wi-Fi network. The LED will be solid green when the connection is complete.
4. To complete the installation, see [Add the device to the account](#).

Add the device to an account

To add the device to an account using the MobileTech app:

1. Log in to the MobileTech app.
2. Select the customer account.
3. Tap .



4. Tap **Video**.
5. Follow the on-screen instructions to finish adding the camera.

You can now power down the camera and install it in its final location using the included hardware. You may configure camera settings from the Customer website.

To add the device to an account using the Customer app:

1. Log in to the Customer app. You will need the username and password of the account to log in.
2. Tap .
3. Tap **Add Device**.
4. Tap **Video Camera**.
5. Tap **ADC-V516**.
6. Follow the on-screen instructions to finish adding the camera.

To add the device to an account using the Customer website:

1. Using a web browser, enter the following URL: www.alarm.com/addcamera. The username and password of the account are required to log into the Customer website.
2. Select the camera from the video device list or enter its MAC address to begin adding the camera. The MAC address is located on the bottom of the device or on the packaging.
3. Follow the on-screen instructions to finish adding the camera.

Status light guide

| LED pattern | Description |
|------------------------|--|
| Off | Power off |
| Solid green | Connected to Alarm.com |
| Blinking green | Local network connection |
| Blinking red and green | Reverting to factory default settings |
| Blinking red | Power on, camera booting |
| Solid red | No local or Internet connection |
| Blinking blue | WPS mode |
| Blinking white | Wi-Fi Access Point mode |

Troubleshooting

- If you have issues connecting the camera to the account, power cycle the camera and try again.
- If issues persist, press and hold the Reset button  located on the bottom of the camera until the LED is blinking green and red (about 15 seconds), then release the button. The camera will reboot with factory default settings.

Important: If the camera was previously installed to an [Alarm.com](#) account, it will need to be deleted before it can be installed again.

Notices

FCC

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 try 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 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.

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this 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.

This device is restricted to *indoor* use.

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

ISED

This device contains licence-exempt transmitter(s)/receiver(s) that comply with Innovation, Science and Economic Development Canada's licence-exempt RSS(s). Operation is subject to the following two conditions:

1. This device may not cause interference.
2. This device must accept any interference, including interference that may cause undesired operation of the device.

This device is restricted to indoor use.

Cet appareil, qui comprend un ou des émetteurs et récepteurs exempts de licence, est conforme aux normes radioélectriques (CNR) du ministère de l' Innovation, Sciences et Développement économique Canada (ISDE) qui s' appliquent aux appareils radio exempts de licence. Le fonctionnement est assujetti aux deux conditions suivantes:

1. L' appareil ne doit pas produire d' interférences;
2. L' appareil doit accepter toutes interférences, même si l' interférence est susceptible de compromettre le fonctionnement de l' appareil.

Cet appareil est restreint à une utilisation en intérieur.

IC Radiation Exposure Statement:

This equipment complies with IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance **20cm** between the radiator & your body.

Cet appareil est conforme aux limites d' exposition des radiofréquences des CNR-102 de l' ISDE établies pour un environnement non contrôlé. Cet appareil devrait être installé et utilisé à une distance minimale de **20cm** entre l' appareil et votre corps.

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