1080p Outdoor Wi-Fi Camera with Integrated Spotlight (ADC-V716) - Installation Guide

Pre-installation checklist

- ADC-V716 (included)
- 12 VDC, 1 A power adapter (included)
- Wi-Fi (2.4 or 5 GHz) connection to broadband Internet (Cable, DSL, or Fiber Optic) Internet. For information about bandwidth requirements, see What are the internet service and bandwidth requirements for Alarm.com video devices?.
- An active Alarm.com account with a compatible Video service package
- A tablet or smartphone with Bluetooth enabled, or a computer with Wi-Fi capabilities (Bluetooth recommended)
- The Partner MobileTech app or Alarm.com app installed and signed-in on the tablet or smartphone

Notice: Installation and maintenance servicing for the ADC-V716 should only be performed by qualified personnel.

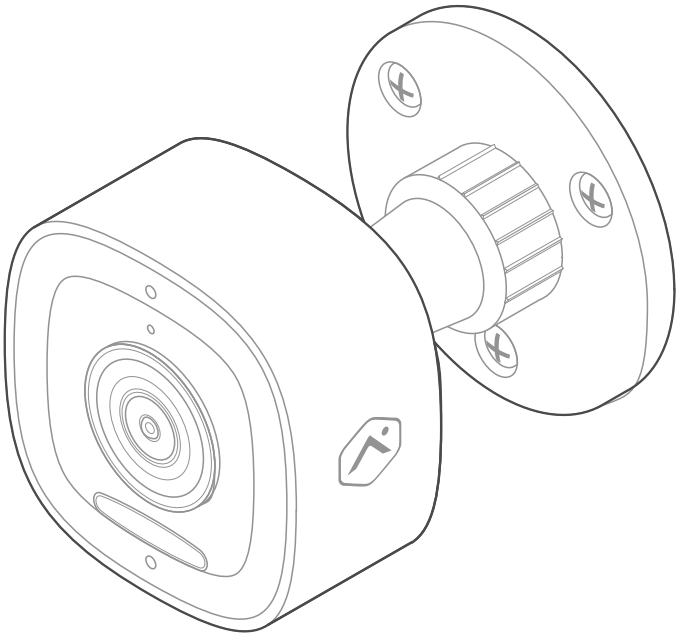
In the box

- ADC-V716 camera (with attached power cable/pigtail)
- 12 VDC, 1 A power adapter
- Mounting hardware
  - #10 Phillips screws (x3) (use 3/16" or 5 mm drill bit and in length 23 mm)
  - Wall anchors (x3)
  - Mounting template
- QR code to online ADC-V716 Installation Guide

Device overview

1. IR LED
2. Integrated LED spotlight
3. Microphone
4. Speaker
5. Status LED
6. Multi-purpose/reset button
7. MicroSD card slot

8. Sealed 12 VDC power connector/cable



Installation and enrollment

Note: It is recommended to enroll the V716 to the customer account near its final location but prior mounting in order to verify strong connectivity and expected field of view.

Connect the camera to the Wi-Fi network

The ADC-V716 can be connected to the Wi-Fi network using Bluetooth Enrollment (BLE) mode, Access Point (AP) mode, or WPS mode. BLE mode is the recommended method. Select the method you are using below to view the steps.
BLE mode steps (recommended) AP mode steps WPS mode steps

Using BLE mode:

Important: BLE mode requires the ADC-V716 to be on hardware version 0301+ and firmware version 0.0.1.051+. The hardware version (HWV) and firmware version (FWV) are both printed on the label on the outside of the box. You can also find the hardware version printed on the camera.

Devices can be connected via BLE mode using the Alarm.com app. Additional troubleshooting steps may be displayed during the process.

Alarm.com app steps

1. Log in to the Alarm.com app.
2. Tap **More**.
3. Tap **Add Device**.
4. Tap **Video Camera**.

5. Scroll to find the device or use the *Find Device* search bar to enter the model number, and then tap to select the device to add.
6. Enter a *Device Name*, then tap **Next**.
7. Power on the device and verify the LED light is flashing white, then tap **Next**.
    - If it is not flashing white, press and hold the button until the status LED starts blinking white. This may take several seconds.
    - Tap **Troubleshoot** to learn more about how to get the device to that state.
8. If Bluetooth is not enabled on your mobile device, approve the Bluetooth permission request when prompted, and then tap **Next**.
9. Bring your mobile device close to the device being enrolled, then tap **Scan**.
10. Allow time for your mobile device to scan for devices in the area.
11. Select the device to set up. Verify the selected device's MAC address matches the MAC address on the device being enrolled, then tap **Connect**.
12. Keep your phone near the device while it connects.
13. Once your phone is connected to the device, tap to select the Wi-Fi network. Either:
    - Select a known network in *My Wi-Fi Networks*, or
    - Select a new network in *Other Networks*, enter the password for the Wi-Fi network, and then tap **Connect**.
14. Allow a few minutes for the device to connect to the network.
15. Once the device connects to the Wi-Fi network, the device continues to complete the install on the customer's account. Once the installation is complete, verify the video device works properly.

Using AP mode:

1. Connect the camera's 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 flash white. If the LED is not white after two minutes, press and hold the multi-purpose button and release when the LED begins to flash white.
3. On a Wi-Fi enabled device, connect to the wireless network *ADC-V716 (XX:XX:XX)* where *XX:XX:XX* is the last six characters of the ADC-V716's MAC address, which is located on the bottom of the camera or on the packaging.
4. On the same device, open a web browser and enter **http://v716install** or **192.168.1.1** in the web address field. Follow the on-screen instructions to add the ADC-V716 to the Wi-Fi network. The LED will be solid green when the connection is complete.

Using WPS mode:

Note: If WPS mode fails to connect the camera to a router, use a different supported connection method.

1. Connect the camera's power adapter and plug it into a non-switched outlet.
2. Press and hold the multi-purpose button on the bottom of the camera and release when the LED begins to flash blue.
3. Activate the WPS mode on the router. The camera will begin to connect to the wireless network. The LED will be solid green when the connection is complete.

Enroll the camera to the account

The ADC-V716 can be enrolled to the customer account using the Alarm.com app or Alarm.com customer website.
Alarm.com app steps Alarm.com customer website steps

Using the Alarm.com app:

1. Log in to the Alarm.com app using the customer's username and password.
2. Tap ≡.
3. Tap **Add Device**.
4. Tap **Video Camera**.
5. Tap **ADC-V716**.
6. Follow the on-screen instructions to finish adding the camera.

Using the Alarm.com 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 in to the Alarm.com 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.

Mount the camera in its final location

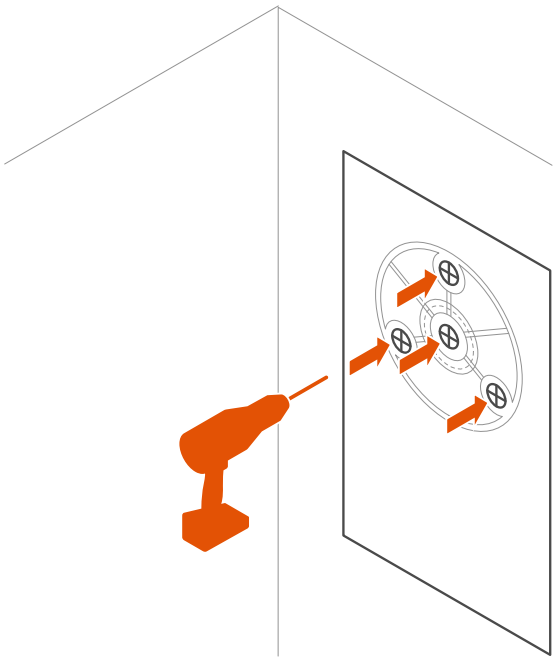
Cable management best practices:

- For vertical mounting surfaces (e.g., wall- or pole-mounting), orient the base cable channel hole downward to help prevent water from entering or pooling.
- For horizontal mounting surfaces (e.g., eaves or soffits), position the mount so the exiting cable does not bind against the bracket. Center the cable or route it inside the mount where possible.
- The sealed power connector requires a larger pass-through hole than a bare wire. It is recommended to size the wall hole accordingly and seal it for weatherproofing.

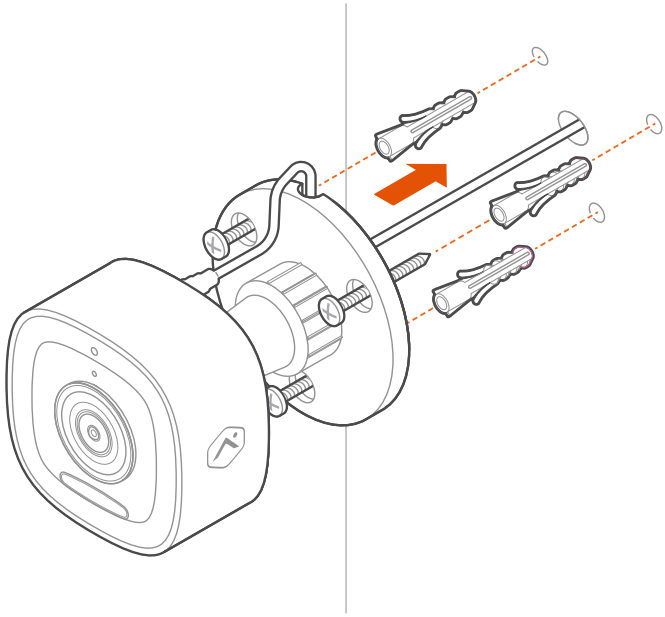
1. Bring the ADC-V716, power adapter, and mounting hardware to the desired installation location. Verify the live image and field of view framing are correct using the Alarm.com app before drilling.

   Note: Verify that there are no obstructions near the camera's installation location. Obstructions close to the camera's lens can lead to poor night vision performance.

2. Use the mounting template to mark the screw holes and the cable entry point on the mounting surface.
3. Drill the mounting holes and the cable pass-through hole into the mounting surface. If mounting onto drywall, masonry, or stucco, insert the wall anchors.



4. Route the power cabling through the base cable channel and pass-through hole. Seat the grommet/stopper to seal the pass-through hole on the mounting surface.



5. Secure the mount to the surface using the provided screws.
6. Attach the camera to the mount and adjust the aim as needed.

7. Connect the camera's power adapter and plug it into an outlet.
8. Verify the camera's live view works as expected.

LED reference guide

LED pattern	Description
Off	Power off
Solid green	Connected to Alarm.com
Blinking green	Local network connection
Blinking red	Power on, camera booting
Solid red	No local or Internet connection
Blinking blue	Wi-Fi Protected Setup (WPS) mode (press and hold button for 4-6 seconds)

LED pattern	Description
Blinking white	Bluetooth Enrollment (BLE) mode and Access Point (AP) mode (press and hold button for 7-9 seconds)
Blinking red and green 	Reverting to factory default settings (press and hold button for 10-12 seconds)
Blinking red and blue 	Perimeter Guard camera light alert activation

Caution: Factory resetting the device will require it to also be deleted from the customer account and re-enrolled.

Troubleshooting

- If the camera was previously installed on another account, verify it was deleted from that account before attempting to re-enroll it.
- If the camera repeatedly drops offline or fails to connect to the Wi-Fi network, confirm the mounting location is within reliable Wi-Fi range; relocate the access point or add a repeater if the signal is marginal at the install location.
- If BLE mode enrollment is failing, utilize a different enrollment method such as AP mode or WPS mode. For those steps, proceed to Enroll the camera to the account.
- If you have issues enrolling the camera to the account, power cycle the camera and try again.
- If issues persist, press and hold the multi-purpose button until the LED blinks red and green. The camera will revert to factory defaults.

Factory resetting the device will require it to also be deleted from the customer account and re-enrolled.

Regulatory Notices

Operating Temperature: -4°F to 122°F (-20°C to 50°C)

Ingress Protection: IP66

FCC Statements

FCC Short Part 15 Statement

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.

FCC Long Part Statement

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.
- Changes or modifications not expressly approved by the party responsible for compliance could void the user‘s authority to operate the equipment.

FCC ID

FCC ID: YL6-143V716

ISED Statements

Condition

This device contains license-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.

Cet appareil contient des émetteurs/récepteurs sans licence qui sont conformes aux RSS sans licence d'Innovation, Sciences et Développement économique Canada. L’exploitation est soumise aux deux conditions suivantes :

1. Cet appareil ne doit pas provoquer d'interférences.

2. Cet appareil doit accepter toute interférence, y compris les interférences susceptibles de provoquer un fonctionnement indésirable de l'appareil.

RF Exposure

This equipment complies with FCC and ISED radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20cm between the equipment and your body. This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter. Please contact intsupport@alarm.com for more information on Canadian RF exposure compliance.

Cet appareil est conforme aux limites d'exposition aux radiofréquences établies par la FCC et l'ISED pour un environnement non contrôlé. Cet appareil doit être installé et utilisé à une distance minimale de 20 centimètres entre l'appareil et votre corps. Cet appareil et son ou ses antennes ne doivent pas être situés ou fonctionner en conjonction avec une autre antenne ou un autre émetteur. Veuillez communiquer avec intsupport@alarm.com pour obtenir plus d'information sur la conformité aux exigences canadiennes en matière d'exposition aux radiofréquences.

IC ID

IC: 9111A-143V716

EU Declaration of Conformity Statement

Hereby, Alarm.com Incorporated declares that the equipment type ADC-V716 is in compliance with Directive 2014/53/EU. The full text of the EU declaration of conformity is available at the following internet address:

https://www.alarm.com/about/international/eu-red

Brazil ANATEL

Resolution 680 - This equipment is not entitled to protection against harmful interference and may not cause interference to duly authorized systems.

Resolução 680 - Este equipamento não tem direito à proteção contra interferências prejudiciais e não pode causar interferências em sistemas devidamente autorizados.

Chile SUBTEL

Commercial information

Date of publication ***Fecha***	21/09/2026

Commercial Name ***Nombre Comercial del Equipo***	Alarm.com Outdoor 1080p Wi-Fi Video Camera *Alarm.com Cámara de Video Wi-Fi para Exteriores 1080p*
Manufacturer ***Fabricante***	Alarm.com Incorporated
Chile Representative ***Representante en Chile***	Faradio SpA Certificación Telecom
Chile Rep Address ***Domicilio***	Alsino 4840, Quinta Normal, Santiago, Chile RUT: 78.442.947-4
Chile Rep Email ***Correo Electrónico de Contacto***	contacto@certificacion-telecom.cl www.certificacion-telecom.cl
Website ***Sitio Web***	www.alarm.com

Technical information

Equipment Type ***Tipo de Equipo***	Cámara de Seguridad
Brand ***Marca***	ALARM.COM
Model Name ***Modelo***	ADC-V716
Technology ***Tecnología***	WLAN 2.4 GHz (IEEE 802.11 b/g/n/ax) WLAN 5 GHz (IEEE 802.11 a/n/ac/ax) BT EDR 2.4 GHz (IEEE 802.15.1) BT LE 2.4 GHz (IEEE 802.15.1)

Frequency ***Bandas de Frecuencias***	WLAN 2.4 GHz: • 2400 – 2483.5 MHz WLAN 5 GHz: • 5250 - 5350 MHz • 5470 - 5725 MHz • 5725 - 5850 MHz BT EDR: • 2400 - 2483.5 MHz BT LE: • 2400 - 2483.5 MHz
Antenna Gain ***Ganancia de Antena***	WLAN 2.4 GHz: • 3.89 dBi WLAN 5 GHz: • 3.85 dBi BT EDR: • 3.89 dBi BT LE: • 3.89 dBi
EIRP ***PIRE***	WLAN 2.4 GHz: 27.02 dBm PIRE WLAN 5 GHz: 26.61 dBm PIRE BT EDR: 10.30 dBm PIRE BT LE: 9.81 dBm PIRE
Modules ***Módulos***	Realtek RTL8822

Other

Declaration of Conformity Statement ***Declaración de Conformidad***	El equipo previamente individualizado cumple con las disposiciones establecidas en la Norma Técnica de Equipos de alcance reducido, aprobada por la resolución exenta N° 1.985, de 2017, de la Subsecretaría de Telecomunicaciones.
Test Reports ***Informe de Ensayo***	ADC-V716 - ADC Report - US FCC - 15.247 - BT EDR ADC-V716 - ADC Report - US FCC - 15.247 - BT LE ADC-V716 - ADC Report - US FCC - 15.247 - WLAN 2.4 ADC-V716 - ADC Report - US FCC - 15.407 - WLAN 5

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