

Alarm.com Video Doorbell (ADC-VDB750) Installation Guide

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Pre-installation checklist

- ADC-VDB750 with included accessories
- Wired doorbell transformer (recommended 16VAC 10VA) or power supply (minimum 15VDC 8W); specifications are often written directly on the power source
- Wi-Fi (2.4 or 5 GHz) connection to broadband Internet (Cable, DSL, or Fiber Optic) Internet
- A computer, tablet, or smartphone with Wi-Fi is required if the router does not have the Wi-Fi Protected Setup (WPS) feature
- (Optional) wired compatible mechanical or digital chime
- (Optional) ADC-VDB750 Power Module (sold separately; only required if wired to a digital chime)
- (Optional) ADC-VDB750 Mounting Adapter (sold separately; can be used if replacing a Slim Line Doorbell Camera and it is preferred to not reconnect the wiring)
- (Optional) ADC-VDB750 Wedge Mount Kit (sold separately; can be used to optimize the captured field of view)



In the box

- ADC-VDB750 video doorbell

- ADC-VDB750 wallplate (with pre-assembled set screw and wire terminal screws)
- Wall anchors (x2) & screws (x2)
- Installation card

Install the ADC-VDB750

Physical installation (New install or standard video doorbell replacement)

Note: If replacing an existing Slim Line (I/II) Doorbell Camera, see [Physical installation \(Slim Line I/II replacement\)](#) below for an alternative (optional) physical installation process that requires the ADC-VDB750 Mounting Adapter (sold separately).

1. Turn off power to the doorbell circuit (transformer). The recommended transformer rating is 16VAC 10VA.
2. Remove any existing power module from the in-home chime (from previous ADC-VDB770 installations with mechanical or digital chimes or from Slim Line installations with a digital chime).
3. Verify that the chime wire terminals are connected to one wire run from the transformer and one wire run from the doorbell.
 - If the in-home chime is digital (rather than mechanical), connect the ADC-VDB750 Power Module (sold separately) to the chime by connecting one wire to each of the terminals (leaving the existing wires in place, polarity does not matter).
 - If there is no wired in-home chime, verify that the power source (AC or DC) meets the product requirements, and wire directly (polarity does not matter) to the ADC-VDB750 (no in-line resistor is required).

Important: The Power Module should not be used with mechanical chimes.

4. Remove the existing doorbell from the wall and disconnect the wires. Secure the wires so that they can be connected in a later step.
5. If using an optional wedge, thread the wires at the doorbell through the center of the wedge and mount the wedge to the surface with the provided screws/anchors.
6. Thread doorbell wires through wallplate, making sure to thread wires underneath plastic bridges of wallplate leading to screw terminals, and secure to wallplate screw terminals.

Important: Minimize the length of excess wire leads protruding from the area surrounding the screw terminals. Excess wire can interfere with the assembly to the ADC-VDB750 and may result in the device not powering on.

7. If not using an optional wedge, mount the wallplate to the surface with the provided screws/anchors. If using an optional wedge, secure the wallplate to the mounted wedge using the two machine screws provided with the Wedge Mount Kit.
8. Connect ADC-VDB750 device to wallplate by first securing/latching the top edge, then pushing the device into the wallplate, and lastly securing the bottom set screw with a screwdriver.
9. Restore power to the doorbell circuit (transformer).

Physical installation (Slim Line I/II replacement)

Note: This optional procedure is optimized for easy replacement of Slim Line (I/II) models with an ADC-VDB750 using the original Slim Line wallplate, eliminating the need to rewire.

The use of optional wedges is not supported with this method.

If wedges are required, the wallplate will need to be replaced, and the ADC-VDB750 Mounting Adapter accessory should not be used.

1. Turn off power to the doorbell circuit (transformer). The recommended transformer rating is 16VAC, 10VA.
2. If the Slim Line Doorbell camera is wired to a digital chime, remove the existing Skybell Digital Doorbell Adapter. Connect the ADC-VDB750 Power Module (sold separately) to the digital chime by connecting one wire to each of the terminals, leaving the existing wires in place. Polarity does not matter.

If there is no wired in-home chime, verify that the power source (AC or DC) meets the product requirements, and wire directly (polarity does not matter) to the ADC-VDB750 (no in-line resistor is required).

Important: The Power Module should not be used with mechanical chimes.

3. Remove existing Slim Line Doorbell Camera from existing wallplate by loosening the bottom set screw.
4. Keep the wallplate installed, verifying that the wiring is connected well to the two screw terminals and ensuring that the bottom set screw is loosened sufficiently to not be protruding at all above the threads at the bottom of the wallplate.

5. Secure the ADC-VDB750 device to the ADC-VDB750 Mounting Adapter and secure at the bottom of the adapter with the provided set screw.
6. Connect the Mounting Adapter (with ADC-VDB750 device attached) to the existing Slim Line wallplate by latching the top edge, then pushing the device into the wallplate, and then securing the original bottom set screw.
7. Restore power to the doorbell circuit (transformer).

Connect the ADC-VDB750 to the network

AP Mode (recommended)

1. Verify that device boots (flashing red LED) to AP mode (flashing white LED). If the LED is not white after two minutes, hold down the doorbell button and release when the LED begins to blink white (about 35 seconds).
2. On an Internet-enabled device, connect to the Wi-Fi network **ADC-VDB750 (XX:XX:XX)** where XX:XX:XX is the last six characters of the ADC-VDB750's MAC address, which is located on the device or on the packaging.
3. On the same device, open a web browser and enter <http://vdb750install> in the URL field. Follow the on-screen instructions to add the ADC-VDB750 to the Wi-Fi network. The LED may briefly turn red before blinking green. The LED will be solid green when the connection is complete.
4. Add the device to the account by either selecting the account in the MobileTech app or by using a web browser and entering the following URL: www.alarm.com/addcamera (you will need the customer user name and password).
5. Select the device from the video device list or enter its MAC address to begin adding. The MAC address is located on the device or on the packaging.
6. Follow the on-screen instructions to finish adding the device.

WPS Mode

1. Verify that device boots (flashing red LED) to AP mode (flashing white LED). Hold down the doorbell button and release when the LED begins to blink blue (about 30 seconds).
2. Activate WPS mode on the router. The device will begin to connect to the Wi-Fi network. The LED will be solid green when the connection is complete.
3. Add the device to the account by either selecting the account in the MobileTech app or by using a web browser and entering the following

URL: www.alarm.com/addcamera (you will need the customer user name and password).

4. Select the device from the video device list or enter its MAC address to begin adding. The MAC address is located on the device or on the packaging.
5. Follow the on-screen instructions to finish adding the device.

Customer - Alarm.com app installation wizard

1. Log into the Alarm.com app. You will need the username and password of the account to log in.
2. Tap .
3. Tap **Add Device**. If you do not see the Add Device option, please use the instructions above to complete your installation.
4. Tap **Doorbell Camera**.
5. Tap **ADC-VDB750**.
6. Follow the on-screen instructions.

Service provider technician - MobileTech app installation

1. Log into the MobileTech app.
2. Find the customer account.
3. Tap **Quick Actions**.
4. Tap **Add Device**.
5. Tap **Video**.
6. Follow the on-screen instructions.

LED reference guide

LED pattern	Description
Off	Power off
Blinking yellow	Camera power cycling (press and hold button for 40-45 seconds)

LED pattern	Description
Solid red	No local or Internet connection
Blinking red	Power on, camera booting
Alternating red and green	Camera resetting to factory default (press and hold button for 45-50 seconds)
Solid green	Connected to Alarm.com
Blinking green	Local network connection
Blinking blue	WPS mode (press and hold button for 30-35 seconds)
Blinking white	Wi-Fi Access Point mode (press and hold button for 35-40 seconds)

Federal Communication Commission Interference 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.

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 and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

For product available in the USA/Canada market, only channel 1-11 can be operated. Selection of other channels is not possible.

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.

L'émetteur/récepteur exempt de licence contenu dans le présent appareil est conforme aux CNR d'Innovation, Sciences et Développement économique Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes :

1. L'appareil ne doit pas produire de brouillage;
2. L'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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 équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20cm de distance entre la source de rayonnement et votre corps

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