A³ Smart Home Security

Battery Video Doorbell
Installation Manual

Installation Support:

(877) 998-1457

A3SmartHome.com/installation

In the Box

- ADC-VDB780B Wireless Video Doorbell

- ADC-VDB780B mounting plate

- 10° tilt wedge

- Battery pack

- Charging cable

- Mounting screws (2)

- Mounting anchors (2)

- Wedge screws (4)

- Quick start guide

Pre-Installation Checklist

- ADC-VDB780B and included accessories

- Drill/Screwdriver

- Level

- Pencil

- An installed Alarm.com Smart Chime (ADC-W115C) – if you have not installed the Alarm.com Smart Chime yet, do that now. For installation instructions, see **Alarm.com Smart Chime (ADC-W115C) - Installation Guide**

- Wi-Fi connection to broadband (Cable, DSL, or Fiber Optic) internet

- A computer, tablet, or smartphone with Wi-Fi

Installation

Power on the Wireless Video Doorbell

Note : The Alarm.com Smart Chime (ADC-W115C) is required for installation.

1. Verify that there is an ADC-W115C enrolled on the account. For installation instructions, see **Alarm.com Smart Chime (ADC-W115C) - Installation Guide.**
2. Remove the Wireless Video Doorbell (VDB780B) from the packaging.
3. Separate the battery pack from the VDB780B body.
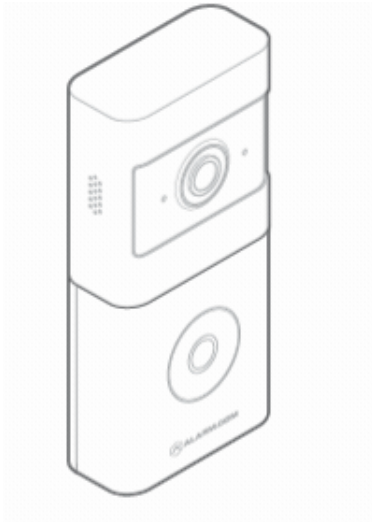
4. Activate the battery by plugging in the Micro USB charger to a wall outlet and connecting it to the battery.
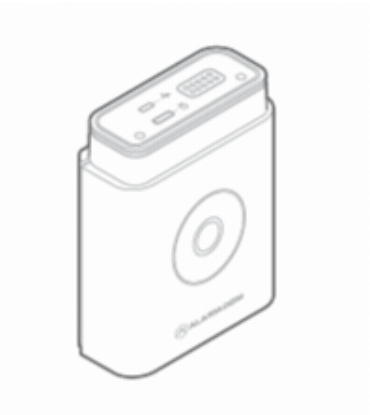

5. Check the top of the battery pack for a blue protective film. If present, please remove the film and discard it.
6. Press the doorbell button on the front of the battery. If the button LED alternates between red and blue, the battery pack must be recharged prior to completing the installation. For more information, see **Charging the battery**
7. If the button LED isn't alternating blue and red, reconnect the battery pack to the VDB780B body.
8. After the button LED stops flashing red, press and release the doorbell button and ensure the LED lights up red.

Connect the Wireless Video Doorbell to the Alarm.com Smart Chime

1. Ensure the Wireless Video Doorbell (VDB780B) is less than 10 feet away from the Alarm.com Smart Chime (W115C).

2. Confirm that the W115C has been installed and associated with an account.

3. To enable WPS mode, press and hold the VDB780B doorbell button firmly for greater than 30 seconds. The LED will begin flashing blue.
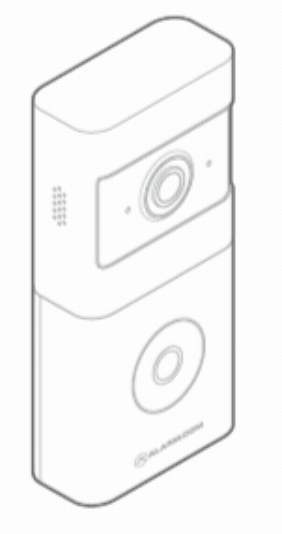
4. Press and release the WPS button located on the side of the W115C to enable WPS mode. The WPS LED will begin flashing rapidly.

5. If the pairing is successful, the W115C Devices LED will quickly blink 3 times, and the VDB780B LED will begin blinking red and then turn solid green.

Enroll the Wireless Video Doorbell to the Account

1. Add the Wireless Video Doorbell (VDB780B) to the account by selecting the account in MobileTech or by using a web browser and entering the following web address: www.alarm.com/addcamera.

2. Select the VDB780B from the video device list or enter in its MAC address to begin adding the device. The MAC address can be located on the device, on the box, or on the reference card.

3. Follow the on-screen instructions to finish adding the device.

Mount the Wireless Video Doorbell

Plan, Level, & Mark

VDB780B_field-of-view.webp

1. Identify a location on the side of your doorframe to mount your Wireless Video Doorbell (VDB780B). We recommend a position approximately 4 feet above the ground for an optimal field of view.

2. Place the mount at your desired location.

3. Use a level to ensure the mount is parallel with the ground.

4. Use a pencil to mark the two holes of the mount.

Tip : If you have someone to help you with the setup, use the Mobile App or Customer Website to start a live stream. You can place the VDB780B over your planned mounting position to assess the field of view before you start drilling.

Drill

1. Use a 1/4" drill bit to create appropriately sized holes for the supplied anchors at your marked locations.

2. Insert the anchors.

Screw

1. Place the mount over the two anchors.

2. Use the supplied screws to secure the mount in place.

Attach the Wireless Video Doorbell to the Mount

1. Align the prongs on the back of the Wireless Video Doorbell (VDB780B) with the 4 rectangular slots in the mount.

2. Push the VDB780B into the slots and slide down, until the device clicks into place.

3. Slide the latch on the bottom of the mount to secure the VDB780B in place.
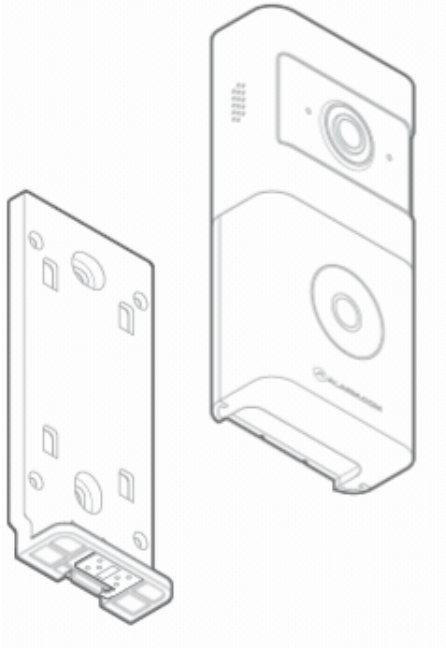
Confirm Battery Charge

1. If the battery was not fully charged as part of the Power on the Wireless Video Doorbell section, please remove the VDB780B and follow the instructions in the Charging the Battery section.

Charging The Battery

Charging Requirements

- A 5V/1.5A USB wall charger
- The supplied charging cable

Charging Steps

Note : A fully depleted battery takes approximately 7 hours to charge.

1. Unlatch the bottom of the mount.

2. Remove the VDB780B from the mount.
3. Separate the battery pack from the VDB780B body.
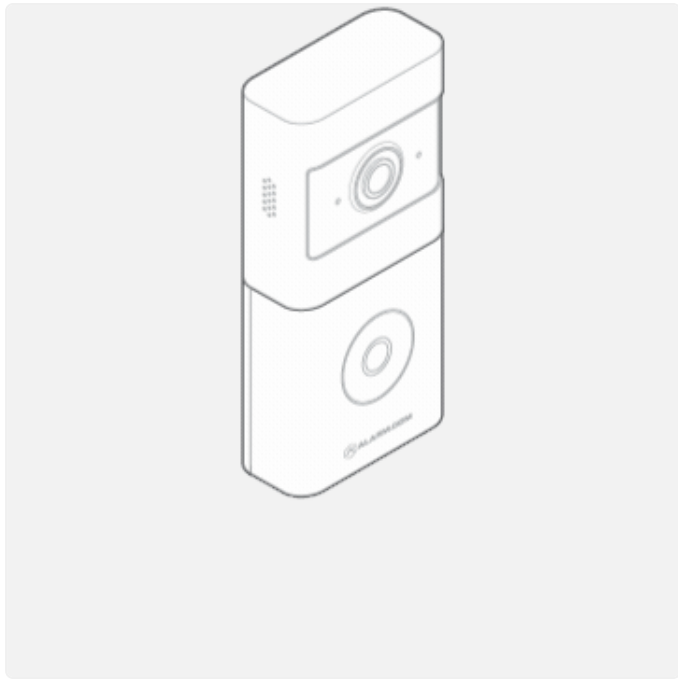
4. Plug the supplied micro USB cable into the battery pack.
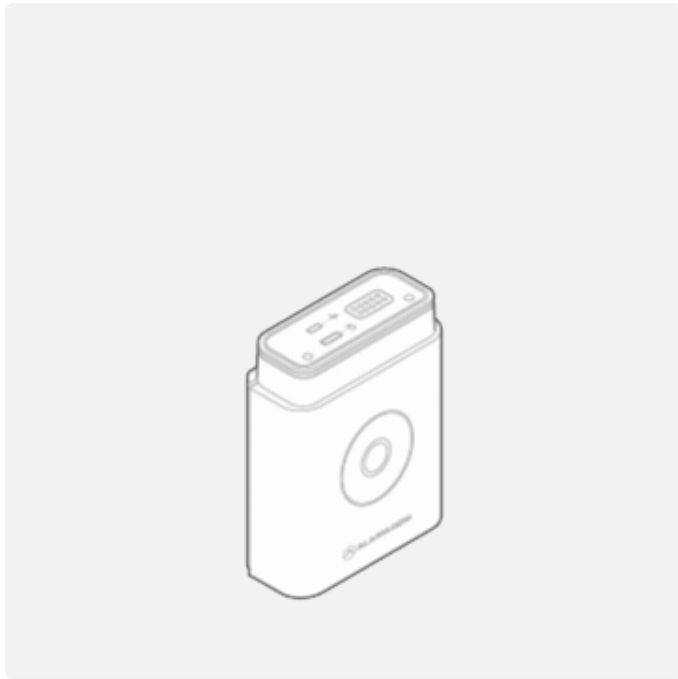
5. Plug the USB end of the cable into a USB wall charger and insert the charger into an outlet.

6. The charging LED, located on the top of the battery pack, will be solid orange while the device is charging. The charging LED will turn solid green when charging has completed.

LED Guide

Button light guide

Operational States

Mode	Description	Button LED behavior
Standby or off	The camera is in standby mode (normal operation) or the battery is drained and requires recharging.	Off
Local connection	The camera has a local network connection.	Solid green
No local connection	The camera does not have a local network connection.	Solid red
Low battery	The camera's battery is low and requires a recharge.	Alternating red and blue
Connecting to network	The camera is powered on and connecting to the network.	Blinking red
WPS mode	The camera is in WPS pairing mode. To enter this mode, press and hold the button for 30-45 seconds.	Blinking blue
AP mode	The camera is in AP pairing mode. To enter this mode, press and hold the button for 46-60 seconds.	Blinking white

Mode	Description	Button LED behavior
Power cycle	The camera is being power cycled. To enter this mode, press and hold the button for 61-75 seconds.	Blinking yellow ● ● ● ● ● ● ● ●
Factory reset	The camera resetting to factory default. To enter this mode, press and hold the button for 76-180 seconds.	Alternating red and green ● ● ● ● ● ● ●
Firmware upgrade	The camera's firmware is being upgraded.	Blinking yellow rapidly ● ● ● ● ● ● ● ● ●

Charging States

Mode description	Top LED Behavior	Button LED behavior
Charging The battery pack is plugged in and charging.	Solid orange ▬▬▬▬	**On button press** Solid green = >75% charged ▬▬▬▬ Solid orange = 75%-15% charged ▬▬▬▬ Alternating red and blue = <15% charged ● ● ● ● ● ● ●

Mode description	Top LED Behavior	Button LED behavior
Fully charged The battery pack is fully charged.	Solid green	On button press , solid green
Failure charging The battery pack stopped charging because the device was plugged in too long. This may signal that there is an issue with your battery pack. Remove the charging cabled and re-attempt charging after an hour. If you see the same behavior, please contact your provider.	Alternating orange and green	Alternating red and white
Under temperature The battery pack's internal temperature is too cold. Please charge the battery pack in a room-temperature setting.	Solid green	Alternating red and yellow = -20° - 0°
Over temperature The battery pack's internal temperature is too hot. Please charge the battery pack in a room-temperature setting.	Solid green = -20° - 0° Off = < -20°	Blinking red rapidly = -20° - 0° Off = < -20°