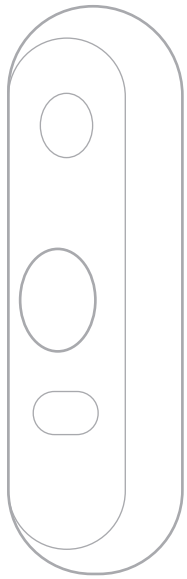
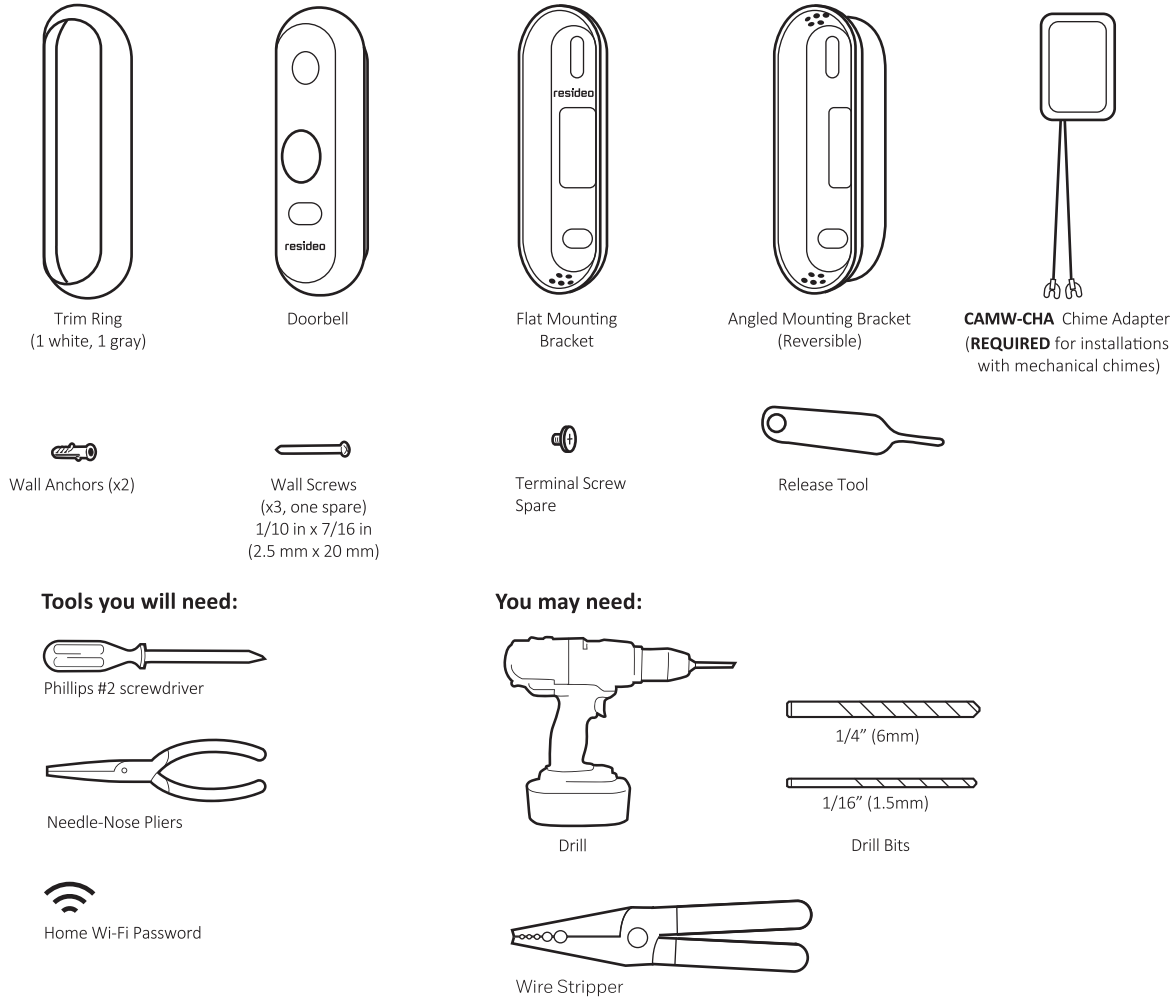


VX1 HD Video Doorbell
Installation Guide



Online Guides
www.resideo.com

Included in the Box



IMPORTANT: Before Installation

NOTE: The included **Chime Adapter** is **REQUIRED** for **all** installations with mechanical chimes. **Omitting the Chime Adapter from a mechanical chime setup will damage the VX1 doorbell irreparably.** The device is shipped with the **Chimes option disabled** to help ensure that inclusion of the Chime Adapter is not accidentally omitted. For doorbell-only installation, see **Local Mode Installation and Activation** on the reverse side of this guide.

Read these instructions carefully; failure to follow the instructions can damage the product or cause a hazardous condition.
Check the product information to see if the product is suitable for your application.
Installer must be a trained, experienced service technician.
After completing installation, use these instructions to verify the product's operation.

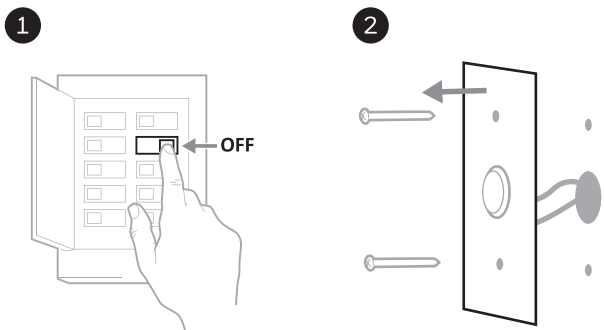
Use the app for step-by-step install and setup instructions.

- From the App, add the device from the menu or camera screen
- Select the correct device
- Follow the in-app instructions.

Or continue steps 1 to 4 below...

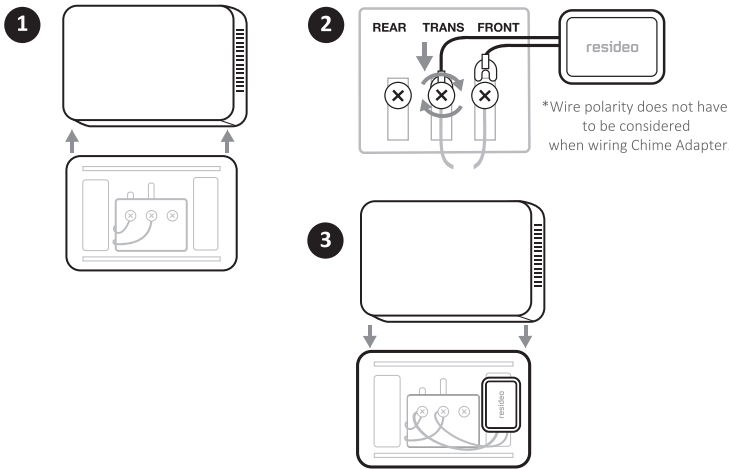
1 Removing the Old Doorbell

1. Turn off the power at the breaker box and check that the system is off.
2. Remove the existing doorbell from the wall.
Note: Make sure to keep the wires from falling back into the wall.



2 Installing the Chime Adapter

1. **Locate Chime**
Once chime is found, remove the chime cover to reveal the wiring. Wiring may differ for mechanical and digital chimes.
2. **Connect Chime Adapter**
Attach chime adapter to terminal screws that the doorbell will be connected to.
Note: Chime adapter cables can be wired to either terminal.
3. **Replace Chime Cover.**
Secure Chime Adapter with the adhesive pad and replace the chime cover.



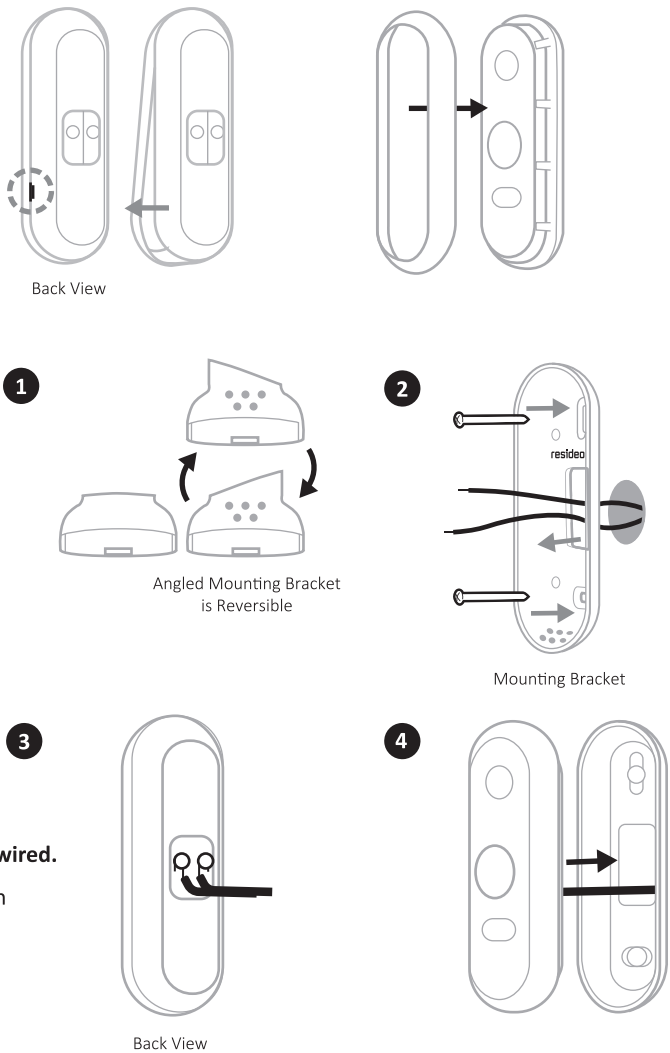
3 Installing the Doorbell Camera

ⓘ Before starting:

On the back of the product, use the notch to remove the trim ring and change it to the preferred color (optional).

1. **Choose mounting bracket**
Select the angled or flat mounting bracket. If using the flat bracket, make sure the logo is positioned at the top, as seen at right.
2. **Attach mounting bracket**
Insert the bundle of wires through the back of the mounting bracket and screw the mounting bracket to the wall. Use the provided wall anchors if necessary.
3. **Connect existing wires**
Using a screwdriver, wrap the wires around the back terminals of the doorbell and tighten. Gently tug on the wires to verify they are secure.
Note: Wires can go on either terminal.
4. **Attach doorbell**
Attach the wired doorbell to the mounting bracket. You should hear it click into place to know it's secure. The trim ring should be flush with the mounting bracket.
Note: Be sure to route the cables back into the wall before clicking into place.
5. **Turn on power at breaker box after device is properly wired.**

After this step: Connect the device to the app as seen in **Section 4** OR for installation as a **simple doorbell**, see **Local Mode Activation and Installation** on the reverse side of this guide.

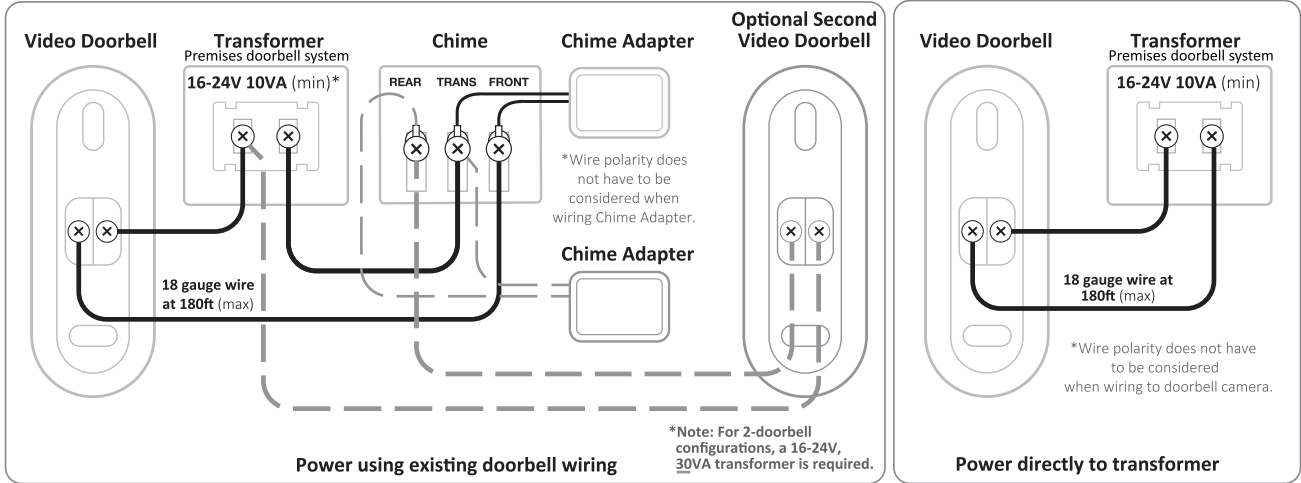
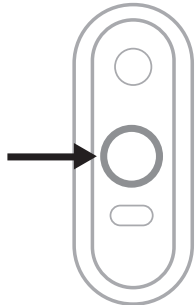


4 Connecting to the App

NOTE: For use as a simple doorbell without internet connection, the App is **NOT** required.

Typical Wiring Scenarios

1. When power is on, the front button light should be **illuminated white**, signaling that the doorbell is ready for connection to the Resideo cloud network **OR** Local Mode Activation (see reverse side of this guide)
2. For connection to the Resideo cloud, follow the instructions in the app to complete setup.



ⓘ If the wiring scenarios shown above do not match your installation, refer to the app for additional wiring options.

Local Mode Installation and Activation

The VX1 HD Video Doorbell can be installed to function as a **simple doorbell button** that rings an indoor wired mechanical doorbell or electronic chime. **This type of installation does NOT require Wi-Fi connectivity.** The unit can be added later to an account for use of all features, including intelligent notifications, live monitoring and two-way talk.

REMEMBER that the included **Chime Adapter** is REQUIRED for all installations with mechanical chimes. **Omitting the Chime Adapter from a mechanical chime setup will damage the VX1 doorbell irreparably.** Again, the device is shipped with the **Chimes option disabled** to help ensure that inclusion of the Chime Adapter is not skipped over.

To use the VX1 as a regular non-connected doorbell, do the following after installation to enable the chime:

1. Follow Steps 1 - 5 in **Section 3** of this guide, connecting VX1 to the doorbell transformer and chime as seen in the wiring scenarios pictured in **Section 4.**
DO NOT FOLLOW THE CONNECTING TO APP PROCEDURE IN SECTION 4.

When power is applied, the large LED ring is illuminated steady white. Between 1 and 2 minutes later, the device plays a three-note sound, indicating that bootup is complete.

- TO ACTIVATE CHIME FUNCTION:**
2. After bootup, hold the Reset button on the back of the device for about 40 seconds.
The large LED ring illuminates white, then yellow, then blue, then red and finally green. The device’s voice prompt announces **“Continue holding to enable the chime. Ensure the chime adapter is installed before continuing.”**

3. **Continue to hold** the Reset switch until the device announces **“Chime enabled. Ensure chime adapter is installed.”**

4. Release the Reset switch.

The device is now set up for Local Mode operation, and will simply ring a connected mechanical doorbell or electronic chime.

Configuration for use with the App

Setup for use with the App requires an account.

1. Press and hold the large LED ring until it is illuminated blue, indicating that the device is ready for Bluetooth pairing.

2. Launch the App and follow the instructions in the app to complete setup.

Lighting Functions				
Device Lighting	Light Color	Light Behavior	Device Status	Note/Resolution
	Status LED			
	No Light		Normal Operation	
	Red	Solid	Not Charging	Check Wiring Connections
	Yellow	Solid	Below Operating Charge and Charging	Allow Time for Device to Charge
	White	Solid	Initial Boot Up	
	Button Light			
	Installation			
	White	Slow Pulse	Camera is starting. Bluetooth pairing will begin automatically.	Follow In-App Bluetooth Pairing Instructions
	Blue	Slow Pulse	Bluetooth Pairing	
	Blue	Solid	Wi-Fi Pairing and Registration	
	Red	2 Rapid Pulse	Error/Setup Fail	Follow In-App Troubleshooting
	Green	2 Rapid Pulse	Success/Confirmation	
	No Light		No Power	Check Wiring Connections
	In Use			
	White	Solid/Dim	Idle. Capturing and processing images.	
	White	Solid/Bright	Event detected. Clip recording.	
	White	2 X Pulse	Doorbell ring	
	White	Pulsing	Firmware Update	Wait for Update to Complete
	Green	Solid	Live Viewing and 2-way audio	2-way communication active in Live View*
	Yellow	Solid 5 Sec	Forced Reboot (Reset Button Pressed)	
	Red	Solid 5 Sec to Cycle	Forced Reset (Reset Button Held)	
	No Light		No Power or Lighting Disabled	Lighting may be disabled in the app
	Spotlight			
	White	Solid	Event Detected	Color NightVision mode On
	White	Rapid Pulsing	Tamper Alarm or Alarm Triggered	Reconnect Device or Disable Alarm

* LED will also turn solid green when the camera's Live View is being watched in the app.

Troubleshooting

Removing the Doorbell:
To uninstall, adjust wiring, and access the reset button, use the provided tool in the pinhole at the bottom of the device.*

Accessing the Reset Button:
The reset button is located on the back of the device.*

Doorbell does not Power On:
If the light does not illuminate, check that the power is on and the wires are tight on the terminals.*

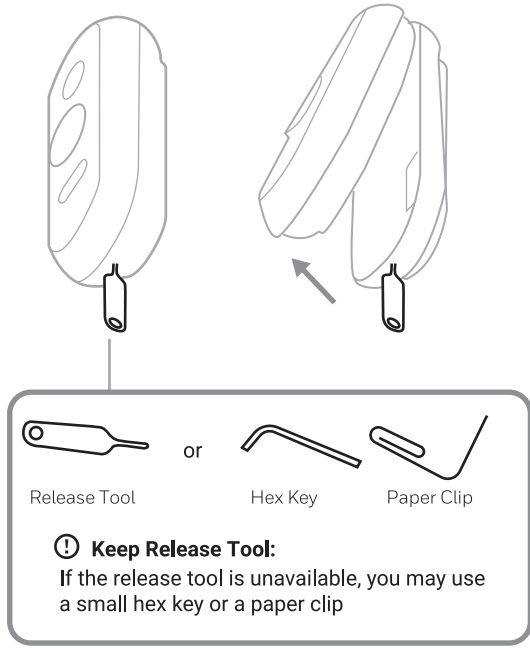
Forced Reboot:
To force reboot for any reason, remove doorbell and press the reset button for 5 seconds.*

Factory Reset:
To factory reset for any reason, remove doorbell and press the reset button for 25 seconds.*

Doorbell not in Pairing Mode:
If the blue light does not illuminate, use the release tool to remove the doorbell and perform a factory reset.*

Adjusting Camera and Event Sensitivity:
Use the App to adjust sensitivity under the doorbell camera settings.

*If you’re still experiencing issues, follow the setup instructions in the app.



FEDERAL COMMUNICATIONS COMMISSION & ISED STATEMENTS

The user shall not make any changes or modifications to the equipment unless authorized by the Installation Instructions or User’s Manual. Unauthorized changes or modifications could void the user’s authority to operate the equipment.

- CLASS B DIGITAL DEVICE STATEMENT**
- This equipment has been tested to FCC requirements 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:
- If using an indoor antenna, have a quality outdoor antenna installed.

•

Reorient or relocate the receiving antenna.

•

Move the radio or television receiver away from the receiver/control.

•

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 / ISED STATEMENT
This device complies with Part 15 of the FCC Rules, and ISED’s license-exempt RSSs. 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.

Cet appareil est conforme à la partie 15 des règles de la FCC et exempt de licence RSS d’ISED. Son fonctionnement est soumis aux conditions suivantes: (1) Cet appareil ne doit pas causer d’interférences nuisibles. (2) Cet appareil doit accepter toute interférence reçue y compris les interférences causant une réception indésirable.

RF EXPOSURE STATEMENT:
The antenna(s) used for this device must be installed to provide a separation distance of at least 7.8 inches (20 cm) from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter except in accordance with FCC and ISED multi-transmitter product procedures.

MISE EN GARDE EXPOSITION AUX FRÉQUENCES RADIO:
La/les antenne(s) utilisée(s) pour cet émetteur doit/doivent être installée(s) à une distance de séparation d’au moins 20 cm (7,8 pouces) de toute personne et ne pas être située(s) ni fonctionner parallèlement à tout autre transmetteur ou antenne, excepté en conformité avec les procédures de produit multi transmetteur FCC et ISED.
The device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems.
Les dispositifs fonctionnant dans la bande 5150-5250 MHz sont réservés uniquement pour une utilisation à l’intérieur afin de réduire les risques de brouillage préjudiciable aux systèmes de satellites mobiles utilisant les mêmes canaux.

Doorbell Specifications

Wired Doorbell
Model Number.....CAMW-WDB
Operating Temperature.....-40°F to 122°F (-40°C to 50°C)
Operating Humidity.....20 to 85% Non-condensing
Shipping Temperature.....-4°F to 158°F (-20°C to 70°C)
Shipping Humidity.....10 to 95% Non-condensing
Physical Dimensions.....4-3/4 x 1-3/4 x 1-1/8 in (120.6 x 45 x 28.5 mm)
Color.....Gray/White
Power Input:
One doorbell.....16-24VAC 10VA minimum
Two doorbells.....16-24VAC 30VA minimum
Weatherproofing.....IP65

Chime Adapter
Model Number.....CAMW-CHALP
Operating Temperature.....-4°F to 122°F (-20°C to 50°C)
Operating Humidity.....20 to 85% Non-condensing
Shipping Temperature.....-4°F to 158°F (-20°C to 70°C)
Shipping Humidity.....10 to 95% Non-condensing
Physical Dimensions.....1-5/8 x 1-1/8 x 13/32 in (14 x 28 x 10.5 mm)
Color.....White
Power Input.....16-24VAC 10VA minimum
Weatherproofing.....IP65

This equipment should be installed in accordance with National Electrical Code, NFPA 70, Standard for the Installation of Residential Fire Warning Systems, CAN/ULC-S540 and Chapter 2 of the National Fire Alarm Code, ANSI/NFPA 72 (National Fire Protection Association, Batterymarch Park, Quincy, MA 02269). Printed information describing proper installation, operation, testing, maintenance, evacuation planning, and repair service is to be provided with this equipment.

Canadian Installations
For Installation in Canada, wiring shall be in accordance with CSA C22.1, Canadian Electrical Code, Part I, Safety Standard for Electrical Installations ; CAN/ULC S302, Standard for the Installation, Inspection and Testing of Intrusion Alarm Systems; and CAN/ULC S301, Standard for ignal Receiving Centre Intrusion Alarm Systems and Operations.

Any attempt to reverse-engineer this device by decoding proprietary protocols, de-compiling firmware, or any similar actions is strictly prohibited.
The product should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.

SUPPORT & WARRANTY
For the latest documentation and online support information, please go to:
www.resideo.com

For the latest warranty information, please go to:
www.resideo.com

The product (and contained batteries) should not be disposed of with other household waste. Check for the nearest authorized collection centers or authorized recyclers. The correct disposal of end-of-life equipment will help prevent potential negative consequences for the environment and human health.

Any attempt to reverse-engineer this device by decoding proprietary protocols, de-compiling firmware, or any similar actions is strictly prohibited.

Responsible Party / Issuer of Supplier’s Declaration of Conformity: Ademco Inc., a subsidiary of Resideo Technologies, Inc.
2 Corporate Center Drive, Melville, NY 11747, Phone: +1 516-577-2000

This product manufactured by Resideo Technologies, Inc. and its affiliates



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