



# ADT DBC835 Wireless HD Doorbell Camera User Guide

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**ADT DBC835 Wireless HD Doorbell Camera User Guide**



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## Introduction

This section provides information about the Doorbell Camera features, components, and capabilities.

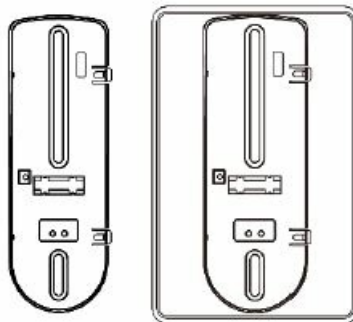
## Packaging Contents

The following items are included in the package.

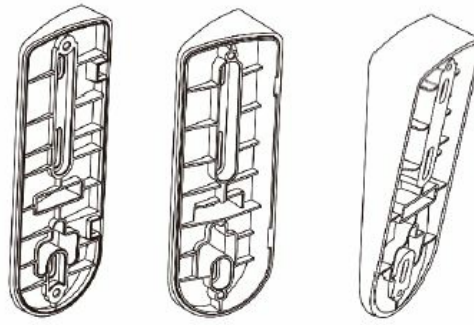
1. Doorbell Camera x 1



2. Two Mounting Brackets (Small Slim & Gang Plate size)



3. Wedge Kit (15°, 30° Angles) (No.1)
4. Screw/Anchor x 2



15° Wedge

30° Wedge

15° Tilt

5. (No.2) Screw x 2



6. (No.3) Screw x 2



7. (No.4) Screw x 2



8. Bubble Level

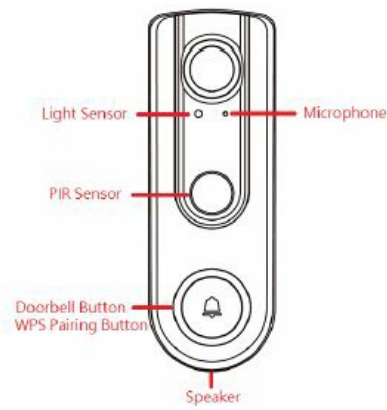


9. Always On Bracket

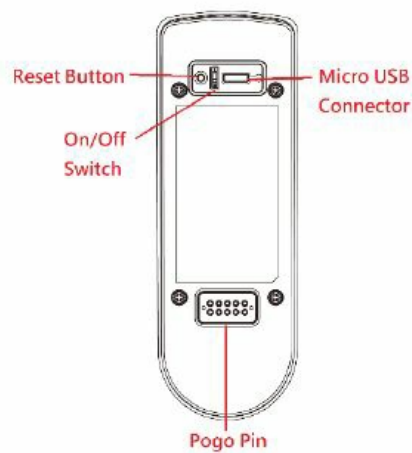


### Physical Details

The DBC835 supports both analog and digital chimes within an 8-24 AC voltage range. The operation temperature is  $-4^{\circ}\text{F}$  to  $122^{\circ}\text{F}$ . ( $-20^{\circ}\text{C}$  to  $50^{\circ}\text{C}$ ) (The battery will not be charged when the temperature is  $< 32^{\circ}\text{F}$  or discharged when the internal temperature is  $> 138^{\circ}\text{F}$ )



*Figure 1-1 Front Panel*



*Figure 1-2 Rear Panel*

## Overview

### Doorbell/WPS Button has two functions

WPS Pin Code Mode: When pressed and held for 5 seconds, the doorbell camera will be in WPS Pin Code Mode.

**Note:** When a Wi-Fi connection is established, the WPS function is disabled. Doorbell Mode: Press the button to ring the door chime.

### LED Activity & Behavior

Doorbell Activity	LED Color	LED Intensity	LED Behavior	Description
Power Up	Blue	Medium	Solid	When boot-up sequence starts, the LED will be solid Blue.
WPS PIN Mode	Green	Medium	Blinking	When doorbell button is held down 5 seconds, the LED will start flashing green indicating the doorbell camera is in WPS Pin mode.
WPS Failure	Red	Medium	Triple Blink	If doorbell camera fails during WPS enrollment, the LED will flash RED three times.
Network Connected	Blue	Medium	Solid	After connected to the network, LED color will change to Blue solid.
Network Disconnected	Red	Medium	Blinking	When power-up sequence is completed, the LED will flash RED until connected to network.
FW Download In-progress	Green	Medium	Spinning	LED spinning green indicates FW is being downloaded. Once complete, update takes place and the doorbell reboots. LED then goes into power-up mode.
A/C Disconnected	Red	Dim/ Medium	Intermittent Blinking	LED will blink in 5-second intervals when A/C is not detected.
Standby	Blue	Dim	Solid	After power-up and connecting to the network.
Motion Triggered	Blue	Dim	Solid	When PIR detects motion the LED will turn dim blue.
Doorbell Button Press	Blue	Dim- Medium	Pulsating	Blue LED will pulse between dim and medium intensity while waiting for interactive session.
Factory Reset	Red	Medium	Double Blink	When the reset button is held down for 15 seconds and released, LED will blink red twice indicating the start of reboot/factory reset.
Bracket Connected	Blue	Dim	Solid	After connecting to the doorbell, LED color will turn to dim blue.

## Basic Setup

This section provides information on how to assemble and configure the DBC835 Doorbell Camera for enrollment. Installation

## Power-Up and Check LED

Turn on the switch on the rear side of the doorbell camera and wait for 20 seconds until the LED turns to flash red.

**Note:** The internal battery supports about 40 minutes of operation. If you don't see the camera powering up, please charge the doorbell camera via a Micro USB cable with a USB charger for 45 min before installation.

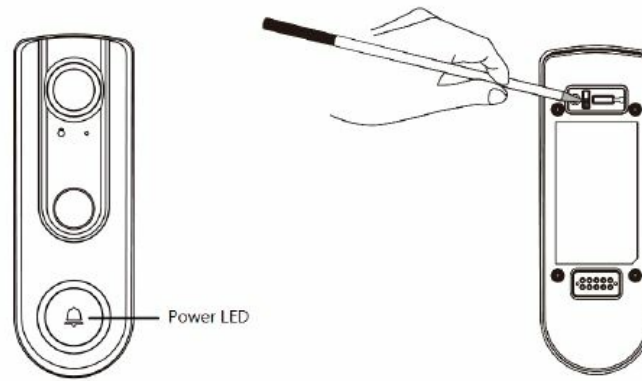


Figure 2-1 Power LED

### Enroll the Camera in ADT Pulse

This process is described in section 3 ADT Pulse Enrollment.

### Mounting the Doorbell Camera

Mount the camera in its final permanent location. Please refer to section 4 Hardware Installation for more details.

### ADT Pulse Enrollment

This section provides instructions for wirelessly enrolling the DBC835 Doorbell Camera into the ADT Pulse network. This process uses Wi-Fi Protected Setup (WPS) with PIN method to wirelessly enroll the HD Camera to the gateway via the ADT Pulse portal or Installer App. Using WPS with PIN

1. Power up the camera and wait for the LED to turn flashing red, as described in the previous chapter.
2. Launch a web browser and log into the Pulse portal or installer app.
3. Enter the Manage Devices screen using one of the following methods. For the Pulse portal, select the System tab and click Manage Devices. For the Installer app, click the Pulse Devices link.
4. In the Manage Devices screen, click Cameras.



Figure 3-1 Clicking "Cameras" Button

5. Click the Add Using WPS button at the bottom of the screen as shown in Figure 3-2.

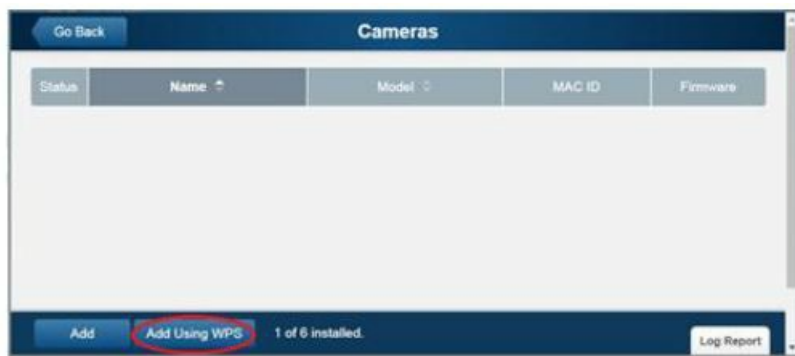


Figure 3-2 Clicking Add Using WPS Button

6. Locate the camera PIN number on the label on the rear of the camera. Enter the PIN number in the WPS PIN field as shown in Figure 3-3.

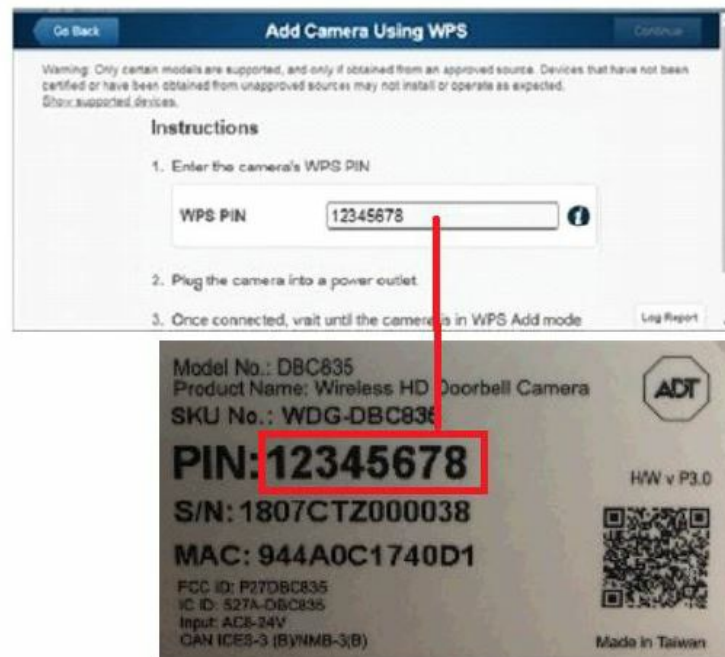


Figure 3-3 Entering the PIN

7. Click the Continue button to initiate the WPS process.

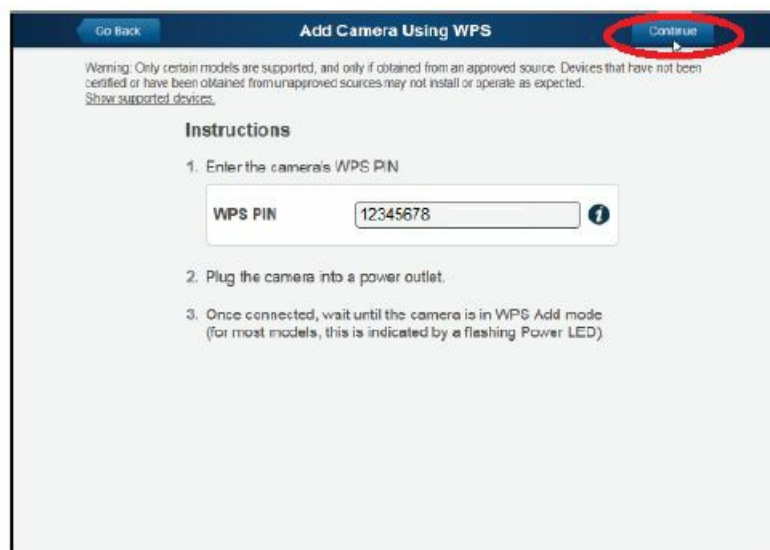


Figure 3-4 Clicking "Continue" Button

8. Press the doorbell button, the LED will blink green during the WPS process.



Figure 3-5 Add Camera Using WPS Screen

**Note:** This WPS process must be completed within 2 minutes or else it will be timed out. The remaining time is displayed in the upper left portion of the screen.

9. Once the doorbell camera is enrolled, the Camera Details screen will be displayed. Name the device and select the desired bandwidth & chime type. Click Save after entering or changing settings.

Figure 3-6 Saving Camera Details

10. The newly added device will be shown in the Camera List, then click Go Back at the top left of the screen as shown in Figure 3-7.

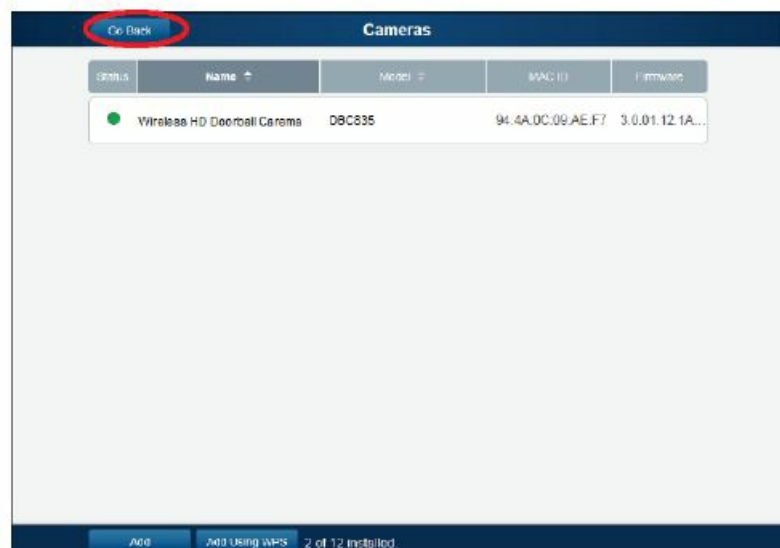


Figure 3-7 Clicking Go Back Button



11. The Manage Devices screen is displayed, click Close



Figure 3-8 Manage Devices Screen

12. Click the System page to verify the device enrollment.

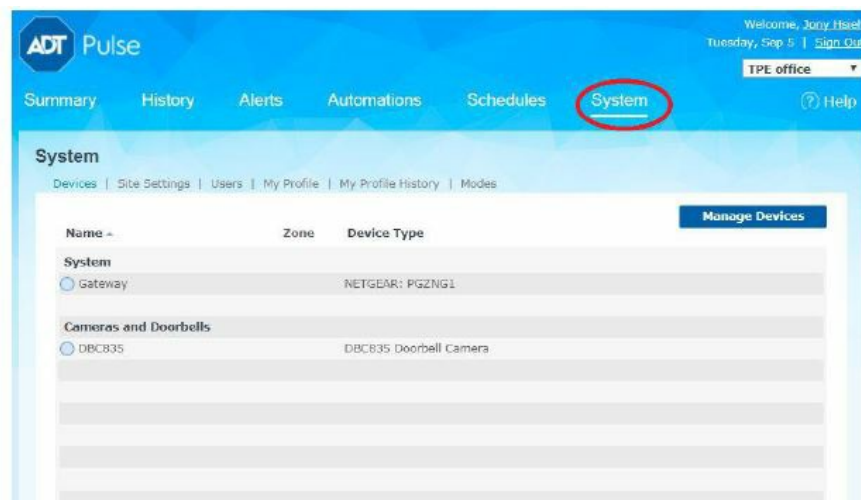


Figure 3-9 System Screen

13. Move the doorbell to where it will be mounted and check the LED and site diagnostics to verify Wi-Fi signal strength.

**Note:** If the Wi-Fi cannot reach the doorbell camera, you will see the LED blinking red. Relocate the Pulse gateway / TS or Cloud Link if possible or add a Wi-Fi repeater to improve the signal strength to the doorbell camera.

14. Factory Reset Instructions:

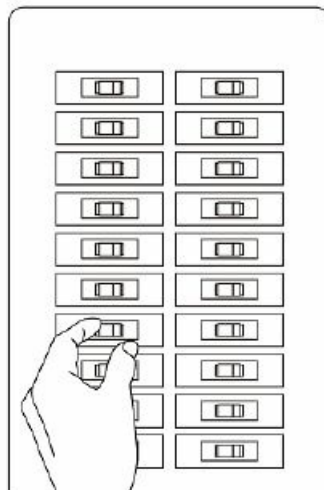
- Press the doorbell button to wake up the device
- If already enrolled, the device will “ding-dong”
- If not already enrolled, the device will go into WPS mode and blink green
- Press and hold the reset button on the back until you hear a ring (about 10 seconds), then release to start the reset process
- If you don’t hear the ring, press the doorbell button again to ensure it is awake and perform step “D” again
- The unit may need to be charged via USB if the battery is too low to perform the factory reset

## Hardware Installation

This section provides details for mounting the DBC835 Doorbell Camera. Installing Hardware

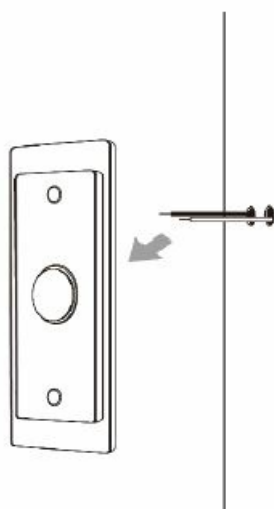
**Note:** Ensure the camera is configured and enrolled in ADT Pulse before permanently mounting.

1. Turn off the breaker circuit before disconnecting the legacy doorbell button.



*Figure 4-1 Breaker Circuit*

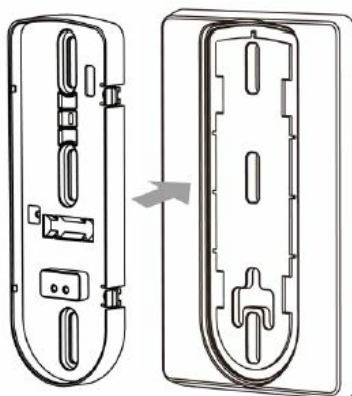
2. Unscrew the legacy doorbell to locate two power wires. (The recommended installation height is between 47 - 60 inches.)



*Figure 4-2 Mounting Location*

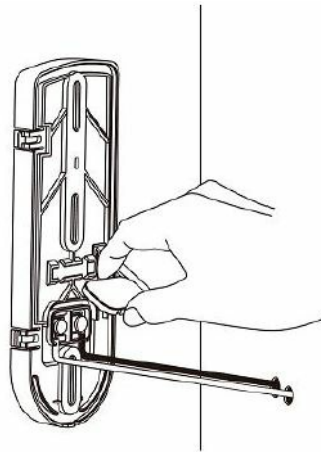
**Note:** Check the voltage at the doorbell to ensure the voltage is between 9 ~ and 24 VAC. If the voltage is DC, then the DC835 does not support this voltage type

3. Choose either the Always On bracket (recommended) or the regular mounting bracket that will cover the hole of the legacy doorbell button. The larger bracket should be used with gang boxes. Please check the Always On Bracket Installation section for more details



*Figure 4-3 Choosing Mounting Bracket*

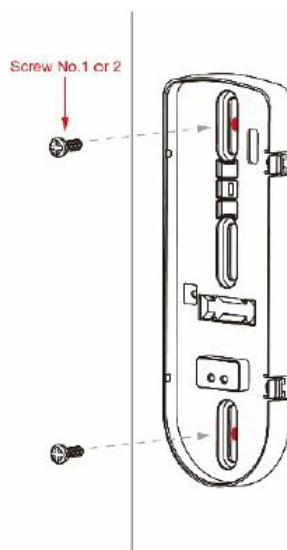
4. Connect the power wires from the existing doorbell to the screw terminals of the bracket.



*Figure 4-4 Connecting the power Wires*

5. Secure the bracket with screws (No. 1 or No. 2). Please see Figure 4-5.

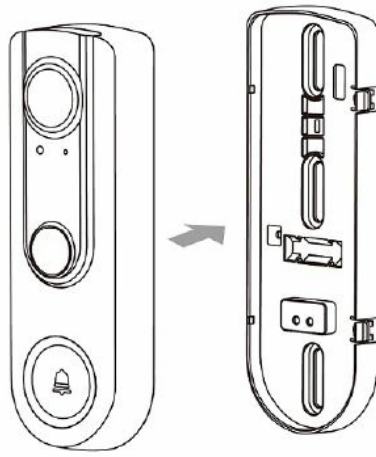
**Note:** Install the anchors if necessary.



*Figure 4-5 Installing the Screws*

6. Attach the doorbell camera to the mounting bracket. Make sure the doorbell camera is firmly fixed and working properly.

**Caution:** To avoid damaging the rubber seal of the pogo pins, please attach the camera to the mounting bracket flush. The mounting bracket should lay flat against the wall. Over torquing can warp the bracket and cause it to lose contact with pins.



*Figure 4-6 Attaching the Camera to the Bracket*

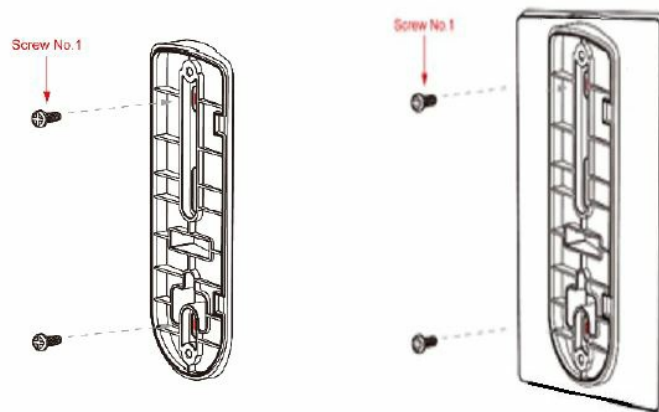
7. Turn on the breaker circuit.
8. Check that the chime is working normally by pushing the doorbell button. If the AC wires are not connected properly, the LED will blink Red every 5 seconds.

**Note:** Please check if the chime sounds, if not, the chime type should be changed in the ADT Pulse portal under Manage Devices.

#### **Using the Wedge Kit Optional)**

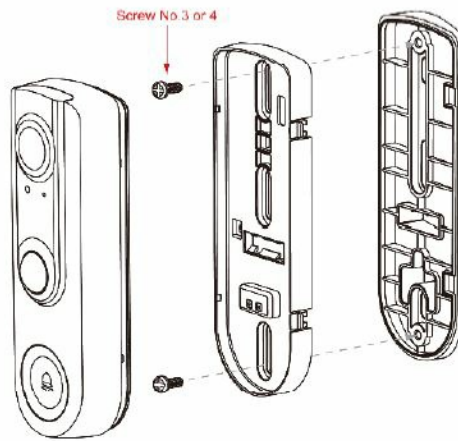
If needed, you can mount your doorbell at an angle for better view and motion detection. The wedge kit comes with 3 plates which can be used to tilt the camera forward or sideways by 15/30 degrees.

1. Use the two screws (No.1) to install the wedge into the wall. The larger bracket should be used with the gang box.



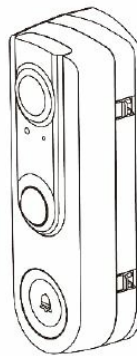
*Figure 4-7 Install the Wedge*

2. Secure the bracket to the wedge with the two screws (No.3 or No. 4).



*Figure 4-8 Attaching the Bracket to the Wedge*

3. Attach the doorbell camera to the bracket.



*Figure 4-9 Attaching the Camera to the Bracket*

4. Apply the Audio Video Surveillance Sticker.

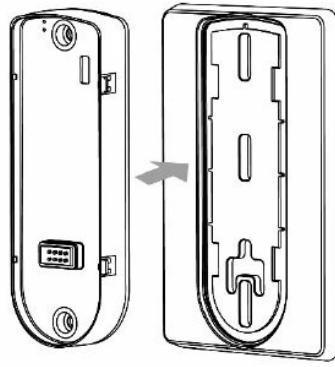


*Figure 4-10 Audio & Video Surveillance Sticker*

## **Always On Bracket Installation**

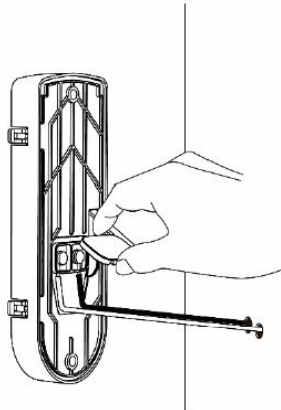
The Always On bracket can only be installed with mechanical doorbell chimes (AC16V~24V). In this configuration, the doorbell camera will be in always-on mode, which brings back the 5-second pre-buffer, connects live view faster, and removes the need for the internal battery to be charged.

1. Choose the mounting bracket that will cover the hole of the legacy doorbell button. The larger bracket should be used with gang boxes.



*Figure 4-11 Choosing Mounting Bracket*

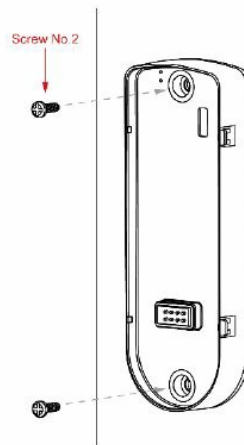
2. Connect the power wires from the existing doorbell to the screw terminals of the bracket



*Figure 4-12 Connecting the power Wires*

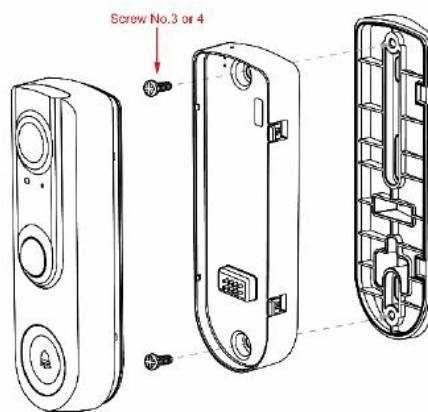
3. Secure the bracket with screws (No.1 or No.2). Please see Figure 4-13.

**Note:** Install the anchors if necessary.



*Figure 4-13 Installing the Screws*

1. Attach the doorbell camera to the mounting bracket. Make sure the doorbell camera is firmly fixed and working properly.



*Figure 4-14 Attaching the Camera to the Bracket*

2. **Caution:** To avoid damaging the rubber seal of the pogo pins, please attach the camera to the mounting bracket flush. The mounting bracket should lay flat against the wall. Over torquing can warp the bracket and cause it to lose contact with pins.

## Appendix

Utilitech	Model # UT-27103-02
Utilitech	Model # UT-2735-02
Utilitech	Model # UT-7574-02
IQ America	Model # DW-2403A
Hampton Bay	Model # HB-7621-02
Honeywell	Model# RCW102N
Hone5ywell	Model# RCW251N
NuTone	Model# LA100WH
NuTone	Model# LA126WH
Heath Zenith	Model# DC3360

### Digital Chime Compatibility List

**Warning:** Other digital chimes may work, but there is a possibility that the chime will sound inadvertently at times.

### Regulatory Approvals FCC Statement (US)

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 the receiver.
- Connect the equipment to 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.

To assure continued compliance, any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment. (Example – use only shielded interface cables when connecting to computer or peripheral devices).

### **RF Exposure Part**

This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

### **IC Statement (Canada)**

This device complies with Industry Canada's license-exempt RSSs. Operation is subject to the following two conditions:

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

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.

### **Exposure**

This device meets the exemption from the routine evaluation limits in section 2.5 of RSS102 and users can obtain Canadian information on RF exposure and compliance.

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