ADT Pulse® Interactive Solutions
DBC835
Wireless HD Doorbell Camera
Quick Installation Guide

DBC835

Chapter 1

Introduction

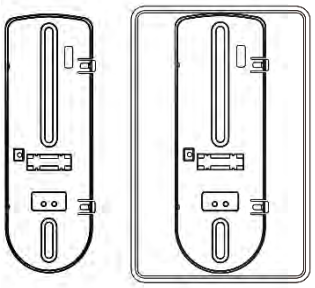
This Chapter provides details of the Doorbell Camera's features, components and capabilities.

Package Contents

The following items are included in the package.

1. Doorbell Camera x 1

2. Two Mounting Brackets (Small & One gang-box size)



3. Wood Screw/Anchor x 2

4. Gang Box Screw x 2

DBC835 supports both analog and digital chime within AC 8-24 voltage.
The operation temperature is -4°F to 122°F. (-20°C to 50°C)
(The battery will not be charged when the temperature is < 0°C)

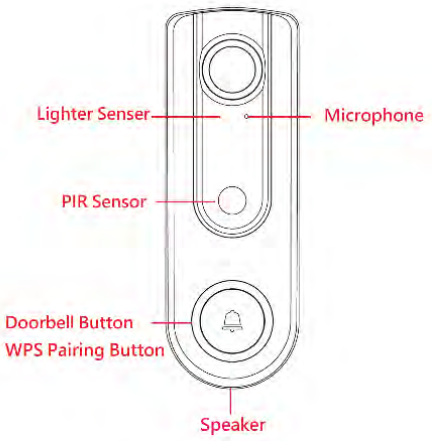


Figure 1: Front Panel

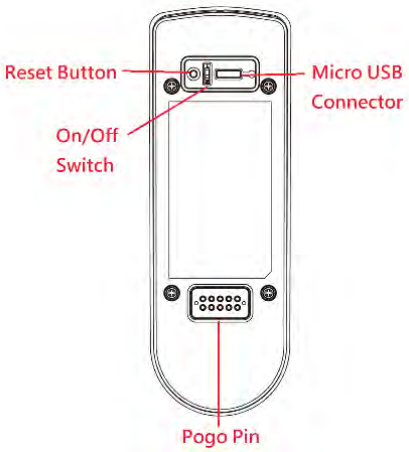


Figure 2: Rear Panel

Physical Details

Doorbell/WPS Button

This button has two functions:

1. WPS Pin Code Mode. When pressed and held for 0-10 seconds, the doorbell camera will be in the WPS Pin Code mode.

Note: When WiFi connection is established, the WPS function is disabled.

2. Doorbell. Press the button to ring the bell.

LED Behavior

- Off - No power.
- On (Blue) - Power On / Network connection is available.
- Blinking (Green). The WPS connection is active.
- On (Red) - If the LED is on for 5 seconds and then turns off, the WPS function has failed.
- Blinking (Red) - Network connection is failed.
- Spinning (Green). The firmware is being upgraded.
- Intermittent Blinking (Red) – If the LED is blinking for 2 seconds, means AC power is disconnected.

Basic Setup

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

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1. Power Up and check the LED
   Turn on the switch on the rear side of the doorbell camera and wait for 20 seconds until the LED turns to flashing red.

   Note 1: The internal battery usually could last 40 minutes of operation. If you don't see the camera powering up, please charge the doorbell camera via Micro USB cable with USB charger for 2 hours before installation.

   Note 2: If the LED does not flash red, please hold the reset button for 15 seconds to factory default the camera then start the installation process over.

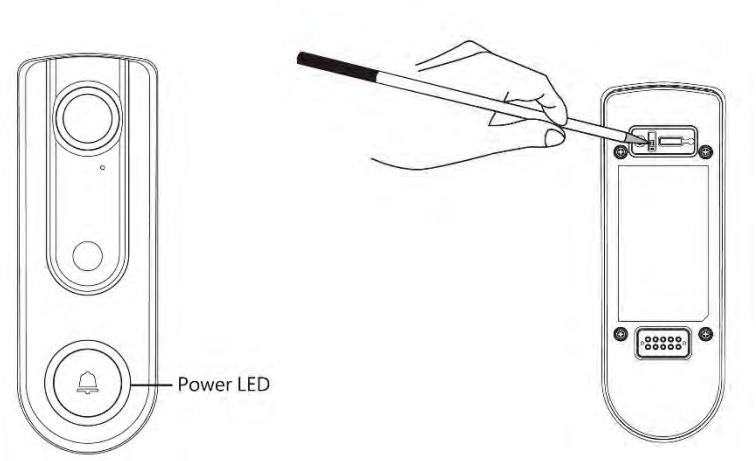

Figure 3: Power LED

2. Enroll the Camera in ADT Pulse
   This process is described in *Chapter 3 ADT Pulse Enrollment*.
3. Mount the Doorbell Camera
   Mount the camera in its final permanent location. Please refer to *Chapter 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 the Wi-Fi Protected Setup (WPS) with PIN method to wirelessly enroll the HD Camera to the gateway via the ADT Pulse Portal or TS Installer App.

PS with PIN to Enroll the Doorbell Camera

1. Power up the camera and wait for the LED turning flashing red, as described in the previous chapter.
2. Launch an Internet browser and log in to the Pulse portal or TS installer app.
3. Enter the *Manage Devices* screen using one of these methods:
   - For the Pulse portal, select the System tab and click Manage Devices.
   - For the TS installer app, click the following Pulse Devices link: https://portal-aries.icontrol.com/myhome/9.6.0-323/access/signin.jsp
4. In the *Manage Devices* screen, click Cameras.

Figure 4: Clicking "Cameras" Button

5. Click the Add Using WPS button at the bottom of the screen.

Figure 5: Clicking "Add Using WPS" Button

6. Locate the camera's PIN number on the label on the rear of the camera. Enter the PIN number in the WPS PIN field.

Figure 6: Entering the PIN

7. Press the Ring button, the LED would be turned to blinking green for WPS process.
   Note: This WPS process must be completed within 2 minutes or else it will be time out. The remaining time is displayed in the upper left portion of the screen.
8. Click the Continue button to initiate the WPS process.

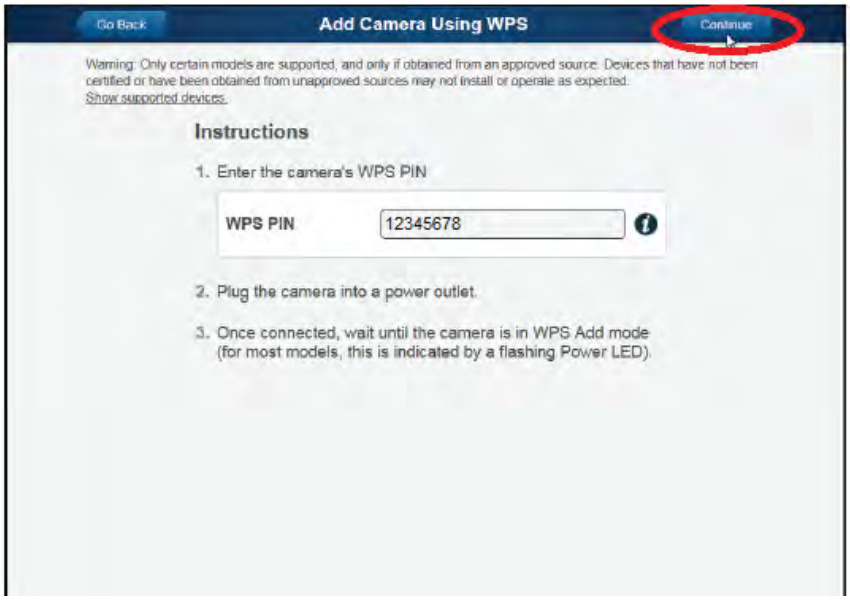

Figure 7: Clicking "Continue" Button

Figure 8: Add Camera Using WPS Screen

9. If the doorbell camera is enrolled, the Camera Details screen will be displayed. Name the device and select the desired bandwidth & chimer type. Click Save after entering all the data.

Figure 9: Saving Camera Details

10. The newly-added device will be shown in the Cameras list, then click Go Back at the top left of the screen.

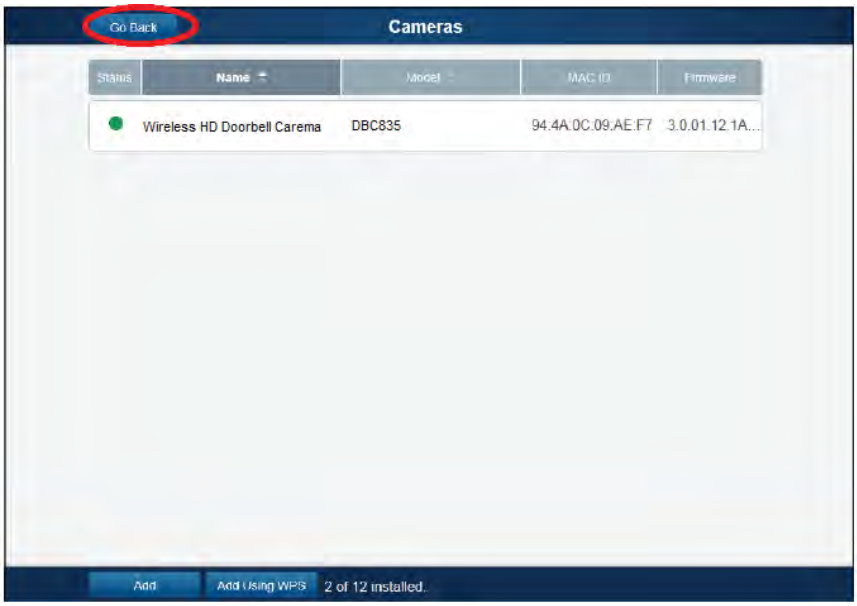

Figure 10: Clicking Go Back Button

11. The *Manage Devices* screen is displayed. Click Close.

Figure 11: Manage Devices Screen

12. Click "System" page to check if the device is enrolled already.

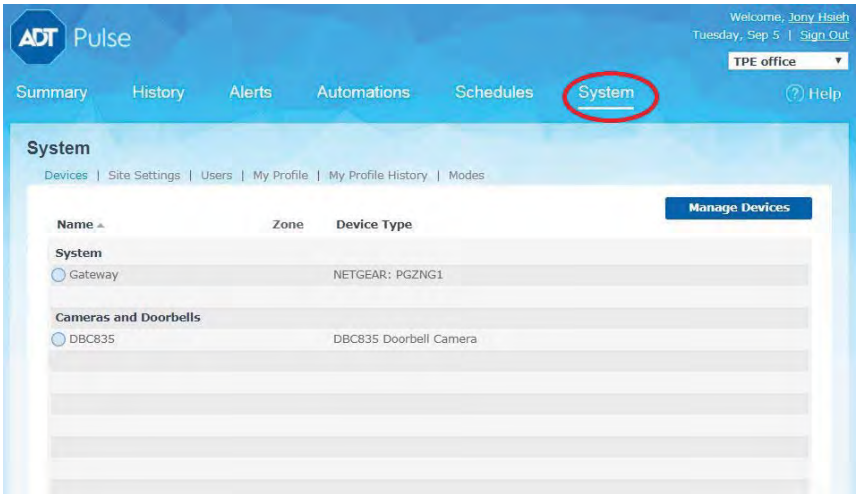

Figure 12: System Screen

13. Move the camera to where the doorbell button is located and check the LED to see if the camera still has WiFi connectivity.

    Note: If the WiFi cannot reach the front doorbell camera, you will see the power LED kept blinking red. Then a repeater is required or move the CloudLink/TSS to the center of the house.

Hardware Installation

4

This section provides details for wall mounting of the DBC835 Doorbell Camera.

Installation

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

1. Turn off the breaker circuit.

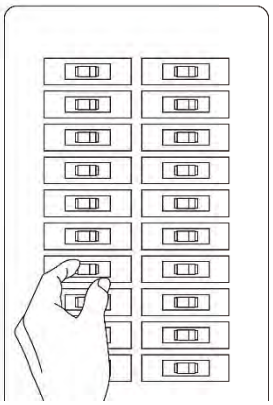

Figure 13: Breaker Circuit

2. Unscrew the legacy doorbell and you will find two AC wires. (The recommended installation height of the camera is about 120~150cm)

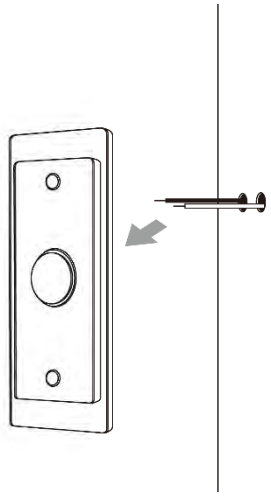

Figure 14: Mounting Location

3. Choose the mounting bracket to be able to cover the hole of the legacy doorbell button.

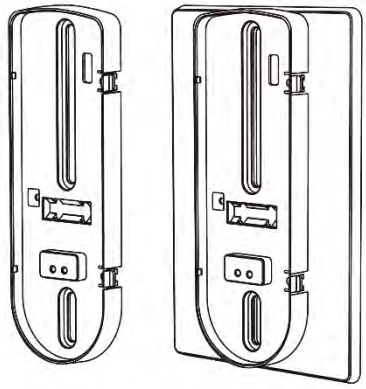

Figure 15: Choosing Mounting Bracket

4. Use the AC wires from the existing traditional doorbell and connect the AC wires to screw terminals of the bracket.

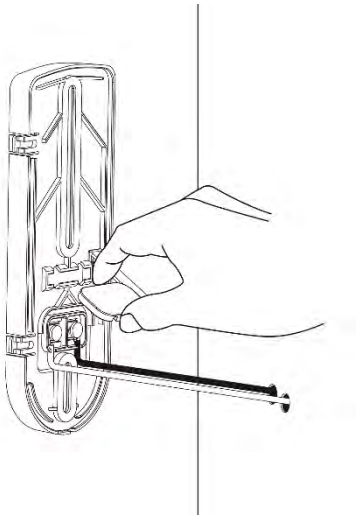

Figure 16: Connecting the AC Wires

5. Secure the bracket with screws. Please see Figure 17.
   Note: Insert the anchors if necessary.

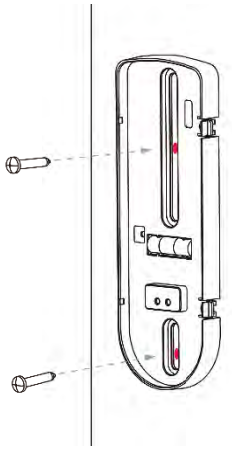

Figure 17: Installing the Screws

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 of the pogo pin, please attach the camera to the mounting bracket horizontally.

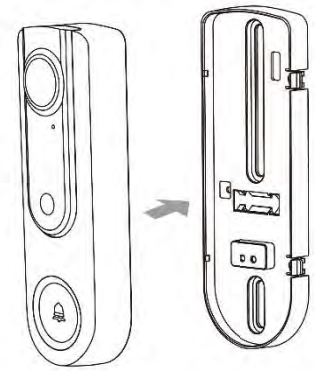

Figure 18: Attaching the Camera to the Bracket

7. Turn on the breaker circuit.
8. Check if the chime is working normally after pushing the Ring button. If AC wires are not connected properly, the red LED will blink every 5 seconds.
   Note 1: Please check if the sound of chimer works as usual. The chime type could be managed in ADT pulse enrollment process.
   Note 2: Compatibility Issue of digital chime models and if the chimer is not working properly, please change to Analog Chimer.
   Note 3: Check WiFi signal and if the power LED blinks red, please add a WiFi repeater or move the CloudLink/TSS to the center of the house.

Appendix

Chime Compatibility List

Chime Compatibility List

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
Honeywell	Model# RCW251N
NuTone	Model# LA100WH
NuTone	Model# LA126WH
Heath Zenith	Model# DC3360

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 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.

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.

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.

Any changes or modifications not expressly approved by the party responsible for compliance could void the authority to operate equipment.
This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.
End-users and installers must be provided with antenna installation instructions and transmitter operating conditions for satisfying RF exposure compliance.
For product available in the USA/Canada market, only channel 1~11 can be operated. Selection of other channels is not possible

IC Statement (Canada)

This device complies with Industry Canada's licence-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.

Le présent appareil est conforme aux CNR d'Industrie 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'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

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.

Cet émetteur ne doit pas être Co-placé ou ne fonctionnant en même temps qu'aucune autre antenne ou émetteur. Cet équipement devrait être installé et actionné avec une distance minimum de 20 centimètres entre le radiateur et votre corps.

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.

Le dispositif rencontre l'exemption des limites courantes d'évaluation dans la section 2.5 de RSS 102 et la conformité à l'exposition de RSS-102 rf, utilisateurs peut obtenir l'information canadienne sur l'exposition et la conformité de rf.

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