

# Wi-Fi Video Doorbell Camera and Wireless Chime Installation Guide



Model: RVDBA701000A/RVDBA701009A

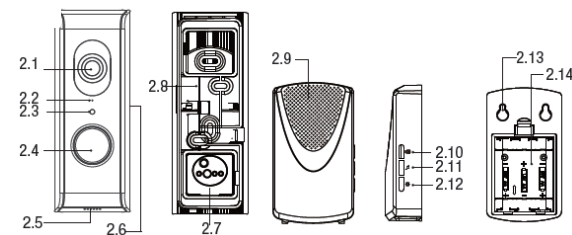


For additional languages, use a QR scanner to scan the QR code

## 1. What's in the Box

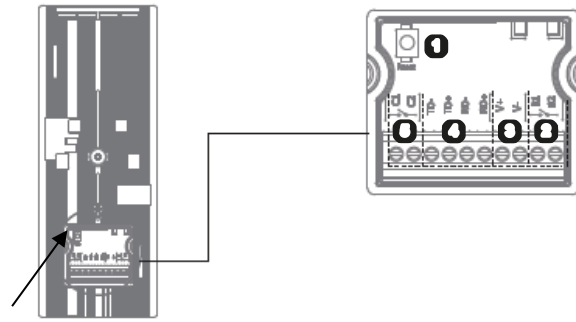
- 1x Wi-Fi Doorbell With Camera
- 1x Wireless Doorchime
- 2x Window security sticker
- 1x Adaptor 12V DC /1A
- 1x Micro SD Card 32GB or higher (Pre-installed In The Camera)
- 1x Extension Cable For Adaptor
- 1x 15° Bracket
- 1x Ethernet Cable (Optional Use)
- 1x Position card
- 1x Screw Pack With Screw Driver
- 1x Quick Start Guide

## 2. Product Overview



- 2.1 Lens
- 2.2 Microphone
- 2.3 Day/night sensor (automatically)
- 2.4 Push button
- 2.5 Loudspeaker
- 2.6 Micro SD card slot (inside housing)
- 2.7 Rubber cover for wiring
- 2.8 Release pin for bracket and doorbell
- 2.9 Chime Loudspeaker
- 2.10 Volume Settings
- 2.11 Melody Settings
- 2.12 No function when bundle using with Wi-Fi Doorbell
- 2.13 Wall mount holes
- 2.14 Battery compartment (3x AA batteries, excluded)

## 3. Wi-Fi Doorbell Connections



Reset button

1. Reset button (Hold for 10 seconds)
2. Connection for electrical lock (B1, B2 / 0V)
3. Adapter connection (V+, V- / 12V 1A)  
V+ = Red Wire V- = Black wire

**Note:** Pay attention to connect correctly.

4. RJ45 internet cable connection (TD-, TD+, RD-, RD+)
  - TD- = Internet cable, Orange color wire
  - TD+ = Internet cable, Orange / White color wire
  - RD- = Internet cable, Green color wire
  - RD+ = Internet cable, Green / White color wire

**Note:** Wired internet works only when you first connect the internet cable to the Wi-Fi doorbell and router. After that, insert the adaptor in the socket.

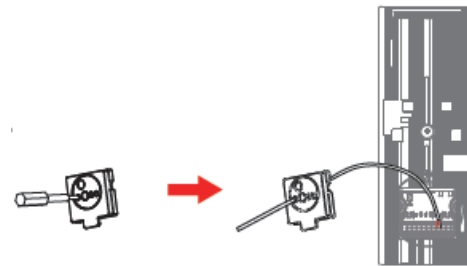
5. Wired Chime indoor connection (C1, C2 / 0V): the mechanical Chime must be powered by an 8V AC transformer. The separate power supply is AC, so it makes no difference which wire goes to C1 and C2 (see APPENDIX).

## 4. Preparation Before Installation using your Smart Device

To install the Wi-Fi doorbell, you need to prepare the following information.

- **Your Wi-Fi Username and Password:** the Wi-Fi doorbell must be registered on your own Wi-Fi network during this installation.
- **During the installation keep your phone close to the Wi-Fi Doorbell (max. 1 meter)**
- **Connection of the Smart Phone to the Doorbell is established through Bluetooth Communication.**  
*Note: This procedure can take up to 3 minutes.*
- **First perform the setup as explained in these instructions and then install the Wi-Fi doorbell on your front door.**

## 5. Installation



1. Remove the rubber cover (2.7) on the rear of the Wi-Fi doorbell.
2. Connect the adaptor with the extension cord.
3. Use a screwdriver to punch a hole into the rubber cover.
4. Insert the extensions cord through the rubber cord.
5. Connect the extension cord to the Wi-Fi doorbell (V+ red wire, V- black wire).
6. Insert the adaptor into the power socket.
7. Close the rubber cover (2.7).

**Note:** Do not connect an internet cable during the installation.

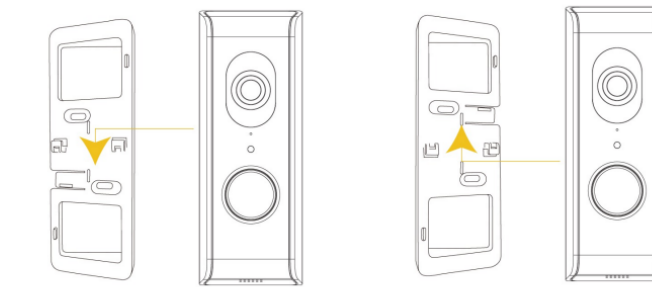
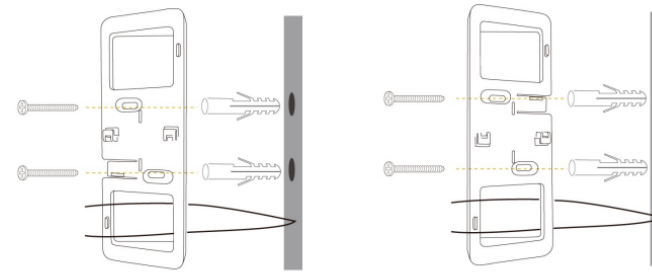
## 6. Wall Mount

A

1. Install the bracket next to the door using the 2 small screws included or the anchors, as required.
2. Make sure the wires are channeled through the appropriate square opening in the bracket.
3. Align the video doorbell on the bracket and slide down until secure.
4. Once installed, turn the power back on. Wait until the LED flashes repeatedly 3 times (it will take approx. 1.5 minutes for the unit to re-boot). You are now ready for the device setup.

B

1. The bracket included has a slight angle which could be used for different installation needs.
2. If more angle is needed on the other side, simply turn the bracket upside down.



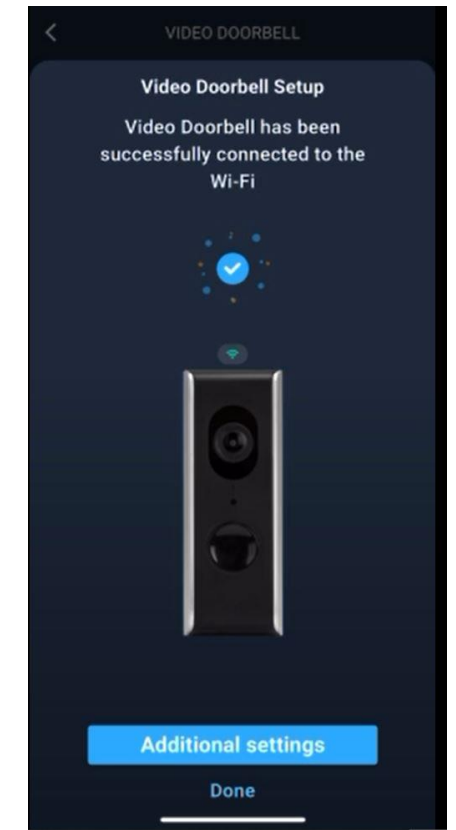
## 7. Connecting the Wi-Fi Doorbell to your Wi-Fi Network

1. Open the RISCO HandyApp on your smart phone.
2. Enter the Configurator and then click Video Doorbell Settings.
3. Identify the new Video Doorbell and then select one of the following two options:
  - Smart Setup** – proceed to step 4 below.
  - Wired Connection** –
    - a. Connect the Video Doorbell to the Wi-Fi network as described below.
    - b. Unplug the Video Doorbell from the electrical outlet.
    - c. Connect the Video Doorbell according to the Wiring Diagram (see APPENDIX).
    - d. Plug the Video Doorbell back into the electrical outlet.
4. Power up the Video Doorbell and wait for the announcement that the Video Doorbell is ready.

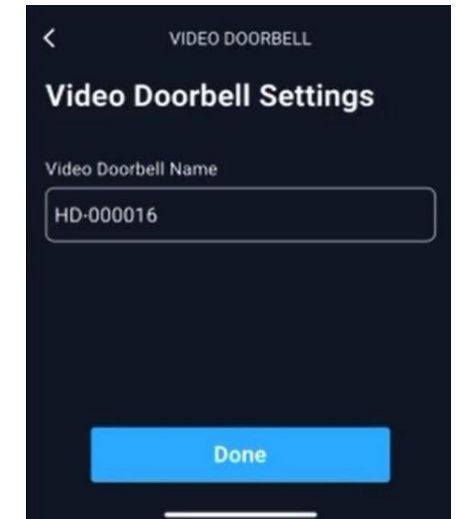
**Note:** Make sure the LED is flashing on the Video Doorbell.

(If the LED does not flash, press the RESET button on the back of the Video Doorbell for about 3 seconds and then redo step 4 after receiving an indication from the system.)

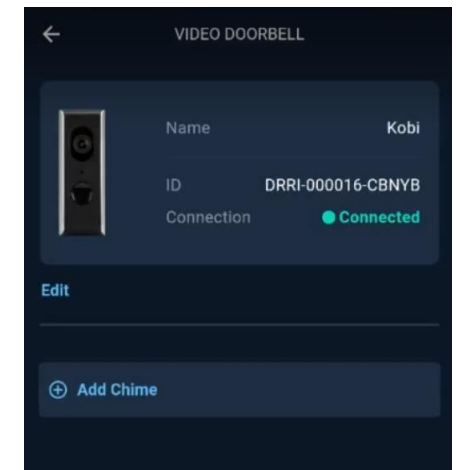
- A list of Wi-Fi networks that the doorbell “sees” is displayed.
5. Select the Wi-Fi network that you want the Video Doorbell to connect to.
  6. Enter the password for the selected Wi-Fi network. The doorbell has now been successfully connected to the Wi-Fi network.
  7. Click Additional Settings.



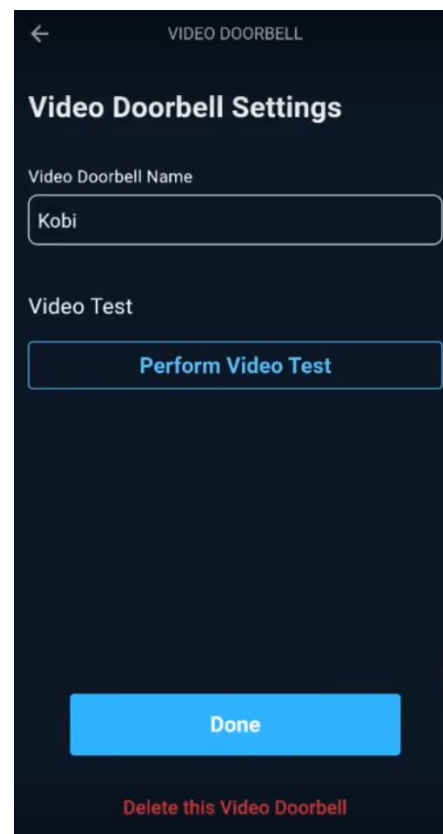
8. Enter a name for the Video Doorbell and then click Done.



9. Assign the Video Doorbell to a Site on the RISCO Cloud by following the straightforward instructions on the screen that opens. Once the video doorbell is registered in the site and ready for use, continue below.



10. Click Perform Video Test.



The Video Doorbell now presents a livestream of what the Video Doorbell “sees”.

#### Adding Chime

**Note:** The Chime that arrives in the Video Doorbell kit is already registered in the Video Doorbell. Perform this section to register an additional Chime.

1. Click Add Chime.
2. With the batteries not installed in the Chime, click Start Chime Pairing.
3. Enter the batteries.

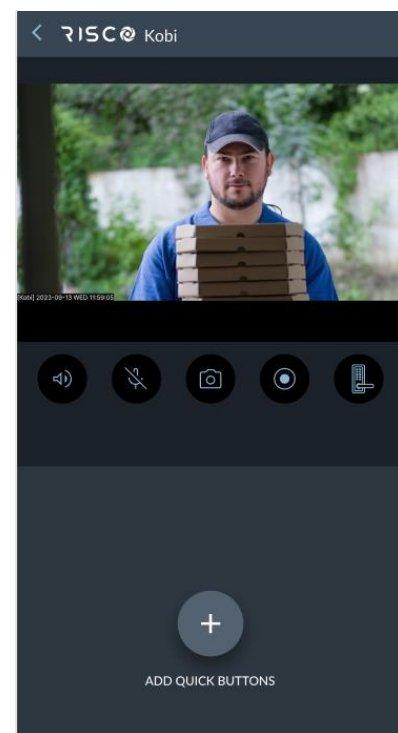
**Note:** You will have 30 seconds to enter the batteries for successful pairing.

### 8. Video Doorbell Buttons and Settings via iRISCO App

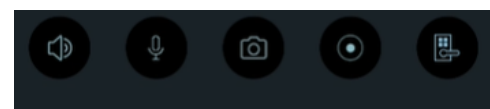
The iRISCO app allows the end user to operate and setup the video doorbell.

1. Open the iRISCO App on the smart phone.
2. Press (the menu button) at the top left corner of the screen.
3. Select VIDEO DOORBELLS from the menu.
4. Select a Video Doorbell.

The Video Doorbell view is displayed. You can now operate and setup the Video Doorbell and to view the Event Log.

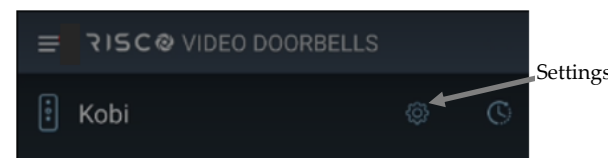


#### Video Doorbell Buttons

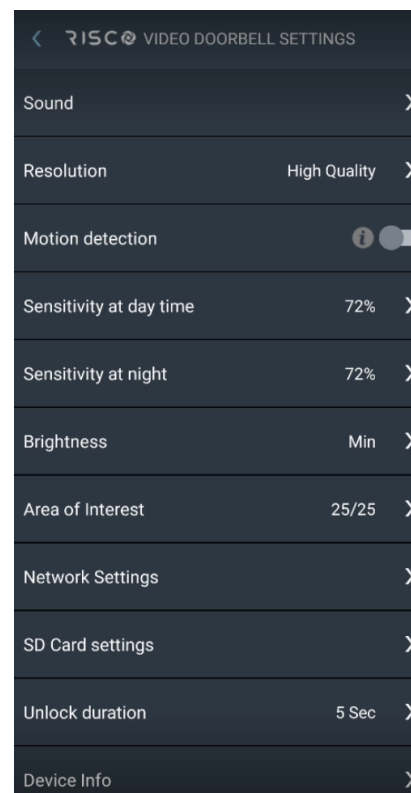


- Speaker
- Mic
- Take photo
- Record (30 sec constant period)
- Open Door Lock

#### Video Doorbell Settings

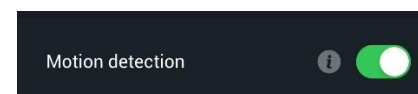


Click Settings in the Video Doorbells list screen.



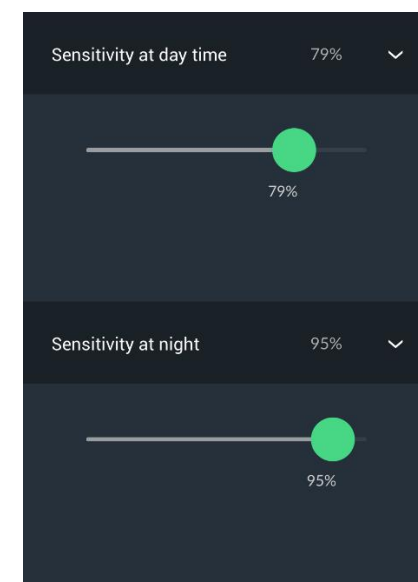
Configure the above settings as required.

#### Motion Detection:



When Motion Detection is set to ON, the camera will send a push notification when motion is detected.

#### Sensitivity:



Drag the slider left or right to adjust detection sensitivity for both day and night:

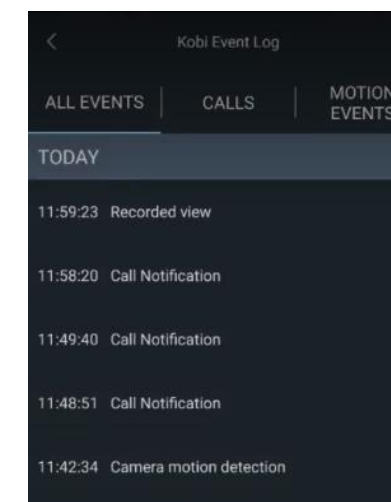
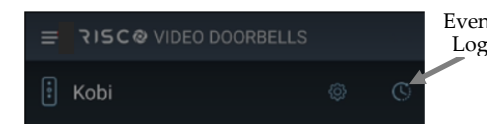
- 0% = lowest detection sensitivity
- 100% = highest detection sensitivity

#### Area of Interest:



Select the boxes that cover the area where you want motion detection to be effective.

#### Event Log



## Specifications

### Video Doorbell

	Parameter	Description
Image Sensor	CMOS Size	2 Megapixel, 1/2.9 inch
	Resolution	1080P(1920 H*1080V)
Relay	Current Consumption	2A/30Vdc or 0.3A/125VAC, NO (cannot be changed)
Lens	Lens Focal Length:	2.7mm
	IR CUT	Supported
Video Parameter	View Angle	H: 115±5° V: 57±5° FOV: 140±5°
	Compression	H.264
	Live view Resolution	1080P / 720P / VGA
	Frame Rate	15FPS
	Day & Night Model	Yes (Color for Day time/ B&W for Night Time)
	Smart IR	Support
	Object Detection	Supported up to 3M
	Audio Parameter	2-Way Audio
Volume Adjustable		Supported
Network Parameter	Ethernet Network	Supported
	Wi-Fi Network	Supported
Wi-Fi Parameter	Bluetooth	Supported for Wi-Fi Setup Only
	Frequency	2400-2483.5MHz
Power Consumption	Power Mode	DC 9V-48V
	Power Supply	IR Off: Average 160-200mA Max 400mA IR On: Average 200-280mA Max 500mA
LED Lighting Parameters	IR LED	5pcs for illumination
	EDS	Environmental Digital Sensor
	LED Angle	120°
	LED Wavelength	850nm
	Visible Range	Up to 3 meters
Recording Parameter	Storage Media	TF Card
	Max Storage Capacity	128GB
	Recording File Format	MP4
	Recording Resolution Format	1080P
	Pre-Recording	3-sec
	Default Recording time	Default 30sec, Dynamic Recording time up to 60sec
	Reference Recording time (32 GB)	26 hour, 2600 events typical
I/O Interface	Power IN	DC Power input
	SD/TF CARD:	TF card up to 128GB
	Reset/Pairing	Supported
	LED	x1 (Status Indication)
	Network Port	Combined in 10PIN holder
Environment	Operating temperature	-10-50°C
	Storage temperature	-20-60°C
	Working humidity	10%-95%RH
	Storage humidity	10%-95%RH
	IP Value	IP 55
	Dimensions (HxWxD)	113x49x24 mm

### Chime

Parameter	Description
Frequency	868MHz for EU market 916Mhz for others
Distance (VDB to Chime)	Up to 150m (Line of Sight)
Sound	3 levels Plus off
Melody	4 Melodies
Buttons	Music Selection Button Volume Button Pair Button
Battery Type	AA Battery x 3 (1 yr.)
Dimension (HxWxD)	105*60*28mm
Weight	146g ( battery included )

### RED Compliance Statement:

Hereby, RISCO Group declares that this equipment complies with the essential requirements and other relevant provisions of Directive 2014/53/EU. For the CE Declaration of Conformity please refer to our website: [www.riscogroup.com](http://www.riscogroup.com).

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RISCO Ltd. (“RISCO”) guarantee RISCO’s hardware products (“Products”) to be free from defects in materials and workmanship when used and stored under normal conditions and in accordance with the instructions for use supplied by RISCO, for a period of (i) 24 months from the date of delivery of the Product (the “Warranty Period”). This Limited Warranty covers the Product only within the country where the Product was originally purchased and only covers Products purchased as new. **Contact with customers only.** This Limited Warranty is solely for the benefit of customers who purchased the Products directly from RISCO or from an authorized distributor of RISCO. RISCO does not warrant the Product to consumers and nothing in this Warranty obligates RISCO to accept Product returns directly from end users who purchased the Products for their own use from RISCO’s customer or from any installer of RISCO, or otherwise provide warranty or other services to any such end user directly. RISCO’s authorized distributor or installer shall handle all interactions with its end users in connection with this Limited Warranty. RISCO’s authorized distributor or installer shall make no warranties, representations, guarantees or statements to its end users or other third parties that suggest that RISCO has any warranty or service obligation to, or any contractual privity with, any recipient of a Product.

**Remedies.** In the event that a material defect in a Product is discovered and reported to RISCO during the Warranty Period, RISCO shall accept return of the defective Product in accordance with the below RMA procedure and, at its option, either (i) repair or have repaired the defective Product, or (ii) provide a replacement product to the customer.

**Return Material Authorization.** In the event that you need to return your Product for repair or replacement, RISCO will provide you with a Return Merchandise Authorization Number (RMA#) as well as return instructions. Do not return your Product without prior approval from RISCO. Any Product returned without a valid, unique RMA# will be refused and returned to the sender at the sender’s expense. The returned Product must be accompanied with a detailed description of the defect discovered (“Defect Description”) and must otherwise follow RISCO’s then-current RMA procedure published in RISCO’s website at [www.riscogroup.com](http://www.riscogroup.com) in connection with any such return. If RISCO determines in its reasonable discretion that any Product returned by customer conforms to the applicable warranty (“Non-Defective Product”), RISCO will notify the customer of such determination and will return the applicable Product to customer at customer’s expense. In addition, RISCO may propose and assess customer a charge for testing and examination of Non-Defective Product.

**Entire Liability.** The repair or replacement of Products in accordance with this Limited Warranty shall be RISCO’s entire liability and customer’s sole and exclusive remedy in case a material defect in a Product is discovered and reported as required herein. RISCO’s obligation and this Limited Warranty are contingent upon the full payment by customer for such Product and upon a proven weekly testing and examination of the Product functionality.

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