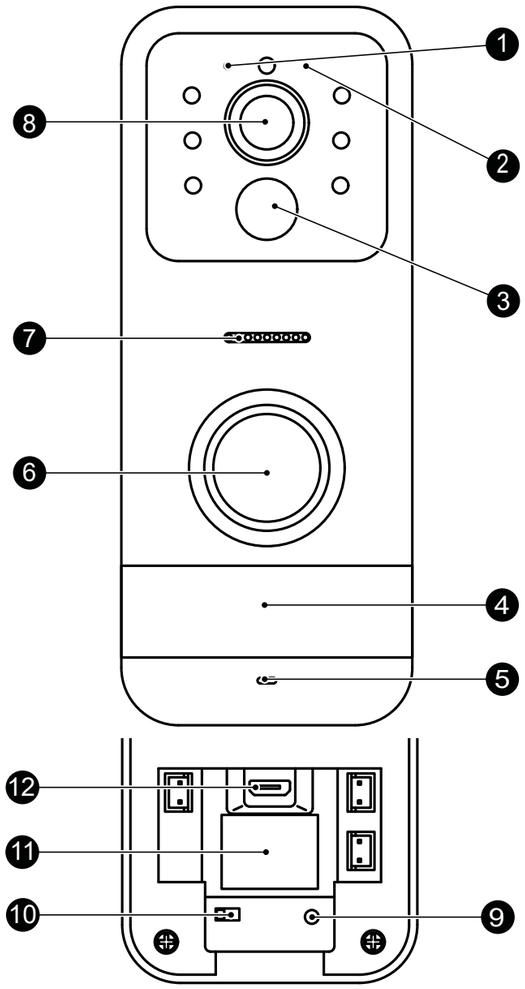
OLYMPIA

GB



General View

The figures illustrate the device in detail.

1	Wifi LED Blue, flashing: Not connected Blue, on: Connected to WiFi	7	Loudspeaker
2	Battery charge indicator LED Red: Charge; Green: Ready	8	Camera
3	Motion detector	9	Reset button
4	Name label slot	10	On/Off button
5	Microphone	11	MicroSD card slot
6	Doorbell button	12	USB charging port

VDB 824YA Video Doorbell

The operating manual is a component part of the device. It contains important information regarding safety, use and disposal. Familiarize yourself with all the information concerning operation and safety of the product before starting to use it. Only use the product in the way described and within the area of application specified. If you pass the product on to third parties, be sure to hand over all the documents with it.

Safety Instructions

Information on safety, intended use and disposal is available in the separate supplementary sheet titled **"Safety Information".**

Package Contents

Check the package contents of the doorbell carefully before putting the doorbell into operation. If anything is missing or damaged, please contact our Service Department.

- 1 × video doorbell, VDB 824YA
- 1 × operating manual
- 1 × USB cable
- 1 × assembly material
- 3 × name labels made of paper
- 1 × mounting plate
- 6 × connection cables
- 6 × clamping devices
- 1 × Function board, CA 824

Separate Accessories Available

- Angle adapter, AM 824
- Digital gong, DC 433

System Requirements

You need a web-capable smartphone which has the Android (from 4.1) or iOS (from 8) operating system and the latest version of the **Tuya Smart** app.

To put the doorbell into operation for the first time, it must be connected to the **Tuya Smart** app and the wifi of your router.

The doorbell and smartphone/tablet PC must be registered on the same wifi system.

Observe the following points when selecting the assembly location:

- The doorbell must be within the range of the wireless home network (wifi).
- It is essential to observe local laws and regulations!

Features

The functions provided to compile pictures and sound means the doorbell has many areas of application in the fields of surveillance and communication.

All the functions can also be controlled via remote access using the **Tuya Smart** app on your smartphone/tablet PC.

- **Remote access**

You can enjoy remote access to the doorbell via the **Tuya Smart** app. You can then watch live pictures or a video recording and control other functions.

- **Intercom function**

You can use the **Tuya Smart** app to listen or speak directly into the room being monitored.

- **Shared access**

You can use the **Tuya Smart** app to share access to your doorbell and allow trusted persons to watch the live images from the doorbell and control functions.

Inserting a MicroSD Memory Card (Option)

If you want to save photos or videos locally on the doorbell 14 you can insert a microSD memory card (not contained in the package supplied) with up to 64 GB memory space in the doorbell 14.

1. Open the cover of the **microSD card slot** 11 on the rear side of the device.
2. Insert the microSD memory card in the **microSD card slot** 11. Pay attention that the microSD memory card is aligned correctly. The design of the **microSD card slot** 11 ensures correct alignment.
   ► The microSD memory card latches audibly in place.

Switching the Doorbell On

1. Switch the doorbell 14 on using the **On/Off button** 10.

Resetting the Doorbell

Before installation, you must charge the battery of the doorbell 14 fully by connecting the USB cable (contained in the package supplied) to the USB charging port 12.

Before assembly, you must connect the doorbell 14 to the **Tuya Smart** app.

Before connecting the doorbell 14 to the **Tuya Smart** app, you must reset the doorbell 14.

1. Press and hold the **Reset button** 9 for about 5 seconds.
   ► The doorbell 14 confirms the reset function via the loudspeaker 7.

After the reset process, the doorbell 14 is switched on automatically and ready for connection.

As a result of the reset, the connection to the home network and **Tuya Smart** app is disconnected.

Installing the Tuya Smart App

To define further settings on the doorbell 14 and establish a connection to your home network (wifi), follow the instructions provided by the **Tuya Smart** app.

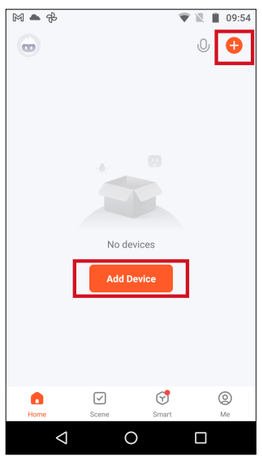
1. Download the **Tuya Smart** app from the App Store or Google Play Store or scan this QR code.

GET IT ON Google Play

Download on the App Store

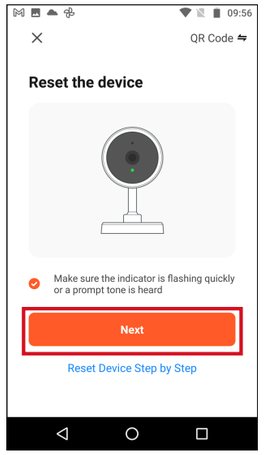
Pay attention that the doorbell 14 and your smartphone/tablet PC are within range of the same home network (wifi).

2. Open the **Tuya Smart** app on your smartphone/tablet PC and tap on **Add Device**.

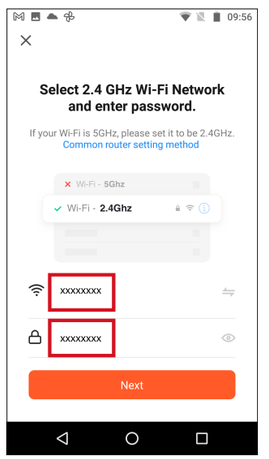


3. Access the **Camera & Lock** screen option and select the **Smart Doorbell** device type.

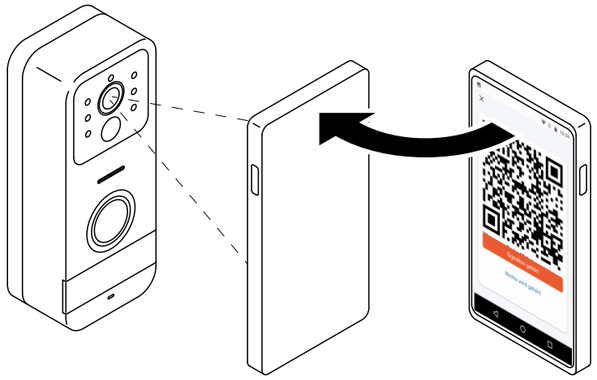
4. Confirm in the **Tuya Smart** app that the indicator is flashing fast and tap on **Next**.



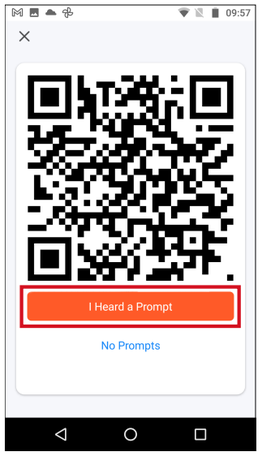
5. Select your home network and enter the corresponding WiFi password.

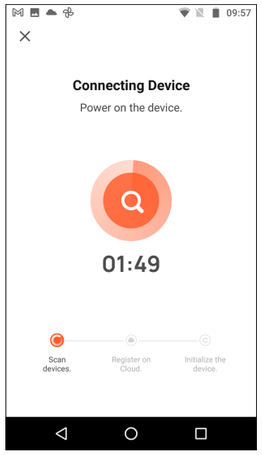


6. Scan the QR code displayed in the **Tuya Smart** app from a distance of 15 to 20 cm using the camera 8 in the doorbell 14.



7. Use the **Tuya Smart** app to confirm that you heard an acoustic signal from the doorbell 14 after the scanning process.





► A counter runs backwards until the connection has been established.

► When a connection has been established, you hear an audible confirmation from the loudspeaker 7 in the doorbell 14.

Assembling the Doorbell

Before beginning assembly, check that camera surveillance is permitted in the area concerned. Also check whether the area being monitored must be identified.

When using the wireless option, pay attention that the installation location of the camera 8 is within the operating range of the home network (wifi system).

Insert the microSD memory card before completing the wall installation.

Selecting an Installation Location

The doorbell 14 is splashproof at the installation location in accordance with the criteria defined for Protection Class IP44. When assembling the doorbell 14, pay attention that it is installed in a dry location and the electrical equipment will not get wet. Ideally, the doorbell 14 should be installed at a height of approx.1.5 metres. Install the doorbell 14 directly beside the entrance door and use the bell wire (AC 8 – 24 V) provided for the power supply.

Alternatively, you can recharge the battery in the doorbell 14 at regular intervals by connecting the USB cable supplied or a powerbank (not contained in the package supplied) to the USB charging port 12.

Warning! Risk of fatal injury from electric shock or gas explosion! During installation, pay attention to the possibility of electrical cables and gas pipes running in the walls. Pay attention that you do not damage electric cables or gas pipes. In case of doubt, contact a specialist!

Attention! Before starting any assembly work, unscrew any relevant fuses.

Call in a trained electrician to complete the connection.

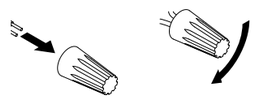
1. Ensure that the power supply to the bell wire has been disconnected.
2. Ensure that there are no electric cables, gas or water pipes near the installation location.

The mounting plate must be assembled on the wall first. Pay attention that the mounting plate is correctly aligned. The opening for the feed-through of the bell wire must point downwards.

3. Mark the drill holes at the distance measured on the wall at the installation location.
4. Drill the holes.
5. Insert the appropriate dowels contained in the assembly material supplied.

We recommend the use of special dowels according to the properties of the mounting surface.

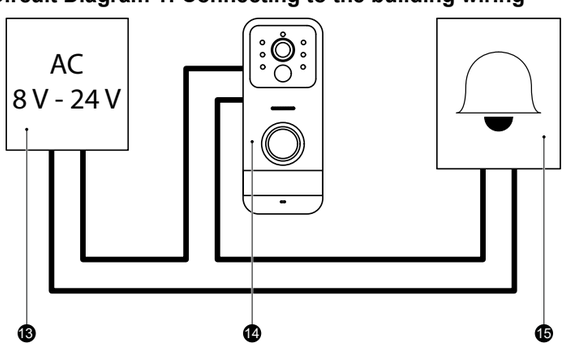
6. Fix the mounting plate on the wall using the screws supplied.
7. Two bell wires come out of the wall. Connect each bell wire with a bell wire in the doorbell. Use the clamping devices 16 for this (contained in the package supplied). You need not pay attention to the polarity of the bell wires.
8. Tighten the clamping devices 16 by turning them clockwise.



9. Ensure that the doorbell 14 is switched on via the **On/Off switch** 10.
10. Fix the doorbell 14 to the mounting plate using the screws supplied.
11. Switch on the power supply to the bell wire.

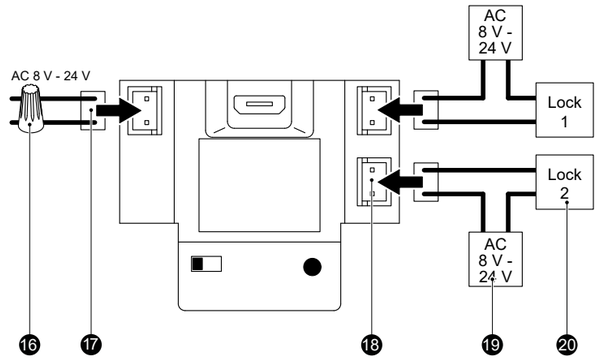
► The light ring around the bell button flashes red.

Circuit Diagram 1: Connecting to the building wiring



13 Current source (AC: 8 V - 24 V)	15 House doorbell
14 Doorbell	

Circuit Diagram 2: Extension with door opener



The doorbell 14 has 2 connections for the door lock 20. In the circuit diagram, Connection 2 is indicated. The designation also applies for Connection 1.

16 Terminal	19 Current source (AC: 8 V - 24 V)
17 Bell wire socket	20 Door lock
18 Door lock 2 socket	

Installing the CA 824 Function Board

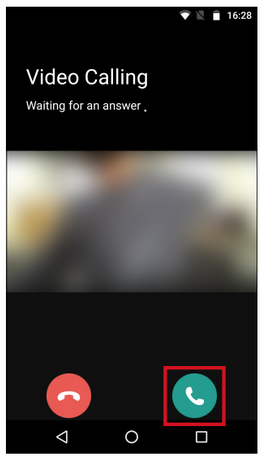
If hissing or humming noises can be heard after the doorbell 14 has been properly installed, you can install a CA 824 function board in the bell to clear the noises.

More information is available in the **Installing the CA 824 Function Board** information sheet enclosed.

Operating the Doorbell

The following illustrations do not reflect the quality of the images provided by the **Tuya Smart** app. They are made unrecognisable due to reasons of personal rights.

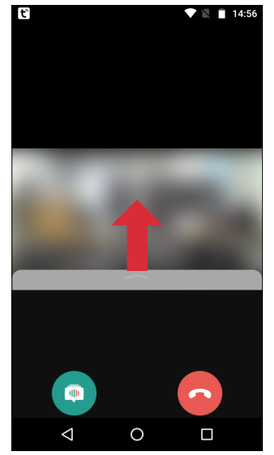
1. Press the **Bell button** 6.
   ► A video call is started in the **Tuya Smart** app.
2. Press the **Call button** in the **Tuya Smart** app.
   ► The call begins.



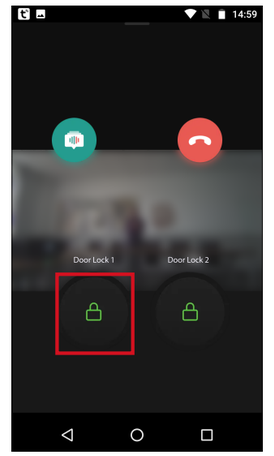
You can control two door locks (Door Lock 1 / Door Lock 2) 20 via the **Tuya Smart** app. Actuation of a door lock 20 is described below.

The door lock 20 must be connected to the doorbell 14 in order to use the **Tuya Smart** app to operate the door lock 20.

3. Use your finger to draw the button upwards.

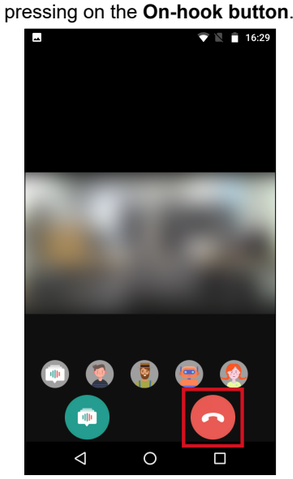


4. Press on the lock icon.



► You have unlocked the door.

5. End the call by pressing on the **On-hook button**.

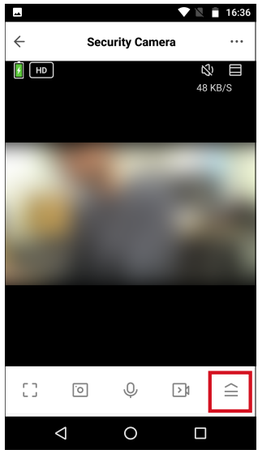


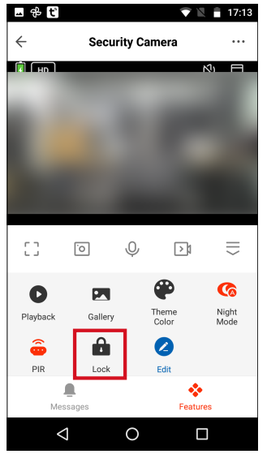
► The call is ended.

Alternative Method of Unlocking

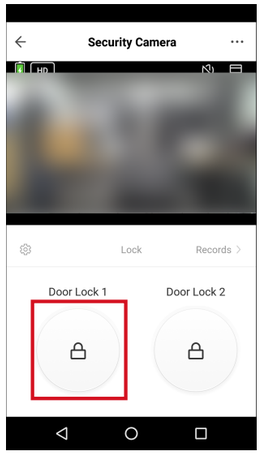
You can also control the door lock 20 by using the applicable menu.

1. If you want to access the door lock 20, press on the area indicated in the **Tuya Smart** app.

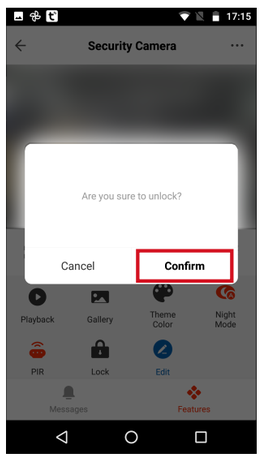




2. Press on the lock icon.



3. Press **Confirm**.



► You have unlocked the door.

You can switch the motion detector (PIR) 3 on and off using the Settings menu. You can set the sensitivity of the motion detector 3 to one of 3 levels.

Operation Using Alexa Show and Google Nest

The doorbell 14 can also be activated/connected via Alexa Show and Google Nest using voice commands after the doorbell 14 has been pressed and a corresponding push notification has been received by the mobile phone.

To do this, you must pair Alexa Show or Google Nest with the doorbell 14.

Information on pairing devices is available in the documents provided by the Alexa Show and Google Nest manufacturers.

Cleaning and Maintenance

1. Clean the housing surfaces of the device with a soft, dry, lint-free cloth. Do not use any solvents or cleaning agents.

The device does not require any special maintenance. Repairs to the device may only be completed by technical specialists.

Frequently Asked Questions (FAQ)

What should I do if my house doorbell hums?

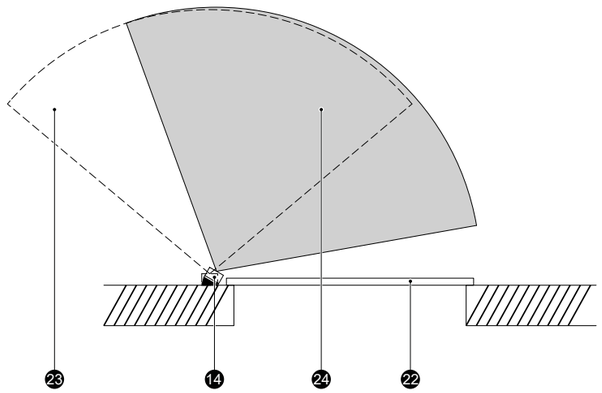
You could install a CA 824 function board (contained in the package supplied) in the house doorbell 15 if hissing or humming sounds can be heard following proper installation.

Can I use an additional gong?

You can also connect the doorbell 14 to a mobile, digital gong. The DC 433 digital gong is available as a separate accessory.

What should I do if persons stand in a camera "blind spot" when ringing the doorbell?

You can improve the angle of detection of the doorbell 14. In this case, use the angle adapter to adjust the assembly angle of the doorbell 14. The AM 824 angle adapter is available as a separate accessory.



14 Doorbell	23 Normal angle of detection
22 Door	24 Angle of detection with angle adapter

Warranty

Dear customer,

We are delighted that you have chosen this equipment.

In the case of a defect, please return the device together with the receipt and original packing material to the point of sale.

Simplified EU Declaration of Conformity

We, GO Europe GmbH, Zum Kraftwerk 1, 45527 Hattingen, DEUTSCHLAND, declare in sole responsibility, that the product complies with the EU Directives: 2014/53/EU and 2011/65/EU. The full EU Declaration of Conformity is available online at the following website or by scanning the QR code: **http://productip.com/?f=1d4073**

Technical Data

VDB 824YA Video Doorbell

Operating frequency	433.92 MHz
Free effective range	120 m (min.)
Transmission frequency	2.4 GHz (wifi)
Transmission power	14.98 dBm
Permissible ambient temperatures	-10 °C to +50 °C at 10% to 80% rel. humidity
Storage temperature	+20 °C to +60 °C at 10% - 80% rel. humidity
Humidity in operation	≤ 85% rel. humidity
Image sensor type	CMOS
Angle of vision	Plane: Ca. 100° Vertical: Ca.70°
Permissible supply voltage	AC: 8 V to 24 V
Power consumption	500 ± 100 mA
Motion detector, range	1 m
Motion detector, angle of detection	Ca. 100°
Type of protection	IP 44
Cloud technology	P2P
Video encoding	H.264
Video resolution	1080P
Video frame rate	Max. 30 frames/s
Wifi	IEEE 802.11/b/g/n
Software	Tuya app, with Alexa/Google
Current source	AC/DC 24 V input
Battery	Permanently installed 5200 mAh 3.7 V lithium-ion battery
Infrared sensor	Yes
Weight	Approx. 161 g
Dimensions (L × W × H)	58 × 60 × 105 mm
Encryption	WEP, WPA, WPA2
Memory card	MicroSD up to 64 GB
Ports	MicroUSB port
Microphone	Yes
Loudspeaker	Yes
Audio and video	Intercom function

Manufacturer

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Germany
www.go-europe.com

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