DIGITUS®

Smart Full HD Doorbell Camera With PIR Motion Sensor, Battery Operation + Voice Control
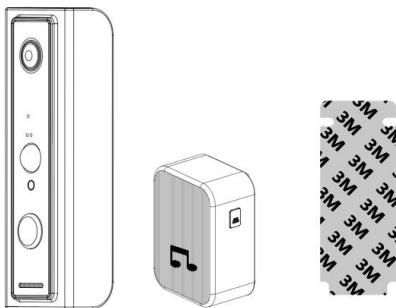

Quick Installation Guide
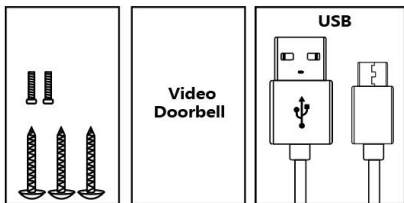DN-18650

1. Introduction

The weatherproof doorbell camera from DIGITUS® can be installed easily anywhere in your WLAN network and does not need an external power supply thanks to battery operation. The integrated PIR sensor reports movements in front of the camera directly on your smartphone in the form of push notifications. Thanks to the wide angle lens with 120° in razor-sharp Full HD resolution, you won't miss a single detail of what happens at your front door. Even in total darkness, the night vision mode delivers a clear view up to a distance of 10 m. Using voice control with Amazon Alexa and Google Assistant you can show the camera image on compliant Amazon and Google displays. The available microSD card slot can be used for cards up to 128 GB, so that recordings can be stored for longer periods and retrieved at any time. Thanks to two-way audio transmission, you can communicate with people in front of the camera. The live image from the camera and all settings can be easily viewed and set using the app, regardless of your location (mobile reception required). The wireless bell included in delivery can be configured with more than 60 different ringtones and even more can be added, this can be plugged into a free socket and connect to the bell camera at the press of a button. The bell camera is designed for a variety of applications, for example use on front doors, in hallways or entrances of any kind. Thanks to the bracket included in delivery, the weatherproof camera can be mounted securely and stably. Focus on safety and flexibility with the voice operated Full HD doorbell camera from DIGITUS®.

2. Main Features

- Full HD video resolution 1080p with wide angle of 120°
- Supports two-way audio transmission
- Night vision up to 10 m
- Motion detection using PIR sensor
- Push notification via app
- Wireless bell with more than 60 different ringtones, expandable
- Voice control via Amazon Alexa & Google Assistant possible
- Recording on MicroSD card / cloud possible
- Free Smart Life (Tuya) app available for iOS and Android
- Suitable for wall installation, weatherproof, IP66

3. Package content

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┌─────────┐┌─────────┐┌─────────────┐
│         ││         ││    USB      │
│   ▯▯    ││  Video  ││  ▭ ▭   ▯    │
│         ││ Doorbell││  ▫         │
│   ▮▮▮   ││         ││  ⟊         │
└─────────┘└─────────┘└─────────────┘
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- 1 x Smart Full HD Doorbell Camera With PIR Motion
       Sensor, Battery Operation + Voice Control
- 1 x Wireless bell
- 1 x Mounting material
- 1 x Quick installation guide
- 2 x Batteries (18650)

IMPORTANT: If any part is missing or damaged,
please contact your local dealer or
reseller for assistance.

4. Technical data

Specifications of doorbell camera:
- Video resolution: 1920 x 1080@15 BpS (Full HD)
- Video compression: MP4
- Lens: FOV: 120° viewing angle horizontal /
  4 mm lens
- Sensor: 1/2.7" CMOS - 2 megapixel
- Night vision range: Up to 10 m
- Video streams: Mainstream 1920x1080p@15bps,
  640x360@25bps

- Integrated speaker and microphone, microphone sensitivity: -38 dB
- Two-way audio communication / compression: AAC & G.726
- Connection type: Wireless LAN, 2.4 GHz
- With microSD card slot
- MicroSD card storage capacity: Up to 128 GB
- Supports cloud storage
- System requirements: iOS 10.0 / Android 5.0 or higher
- Power supply camera: 2 x 3.7 V DC, 2600/2500 mAh, 18650 lithium rechargeable battery
- Standby time: up to 180 days (depending on use)
- USB charging current: 5 V DC - Charging time: approx. 6 hours
- Operating temperature: -30 °C to +50 °C
- Operating humidity: < 80% RH (non-condensing)
- Protection type: IP66
- Dimensions: D 30 x W 46 x H 142 mm
- Weight: 200 g
- Color: Black / white

Specifications of bell:
- More than 60 configurable ringtones + more can be added
- 4 different volume levels can be set
- Power supply bell: 90 - 260 V AC, 50-60 Hz, 0.15 W via Euro plug Type C (CEE 7/16)
- Power consumption standby: 10 mW
- Wireless connection between camera and bell: 433 MHz

- Sensitivity: -112 dBm
- Volume: up to 100 dB
- Dimensions: D 68 x W 51 x H 70 mm
- Weight: 57 g
- Color: White

5. Safety instructions

Please read these instructions carefully before first use and retain for future reference. The safety precautions contained herein reduce the risk of fire, electric shock, and injury when followed correctly.

This product is designed for residential use.

This product is IP65 rated, so there is protection against heavy rain and dust tightness.

6. Safety instructions for devices with power supply unit in outdoor operation

- Do not open the device under any circumstances. It does not contain any parts that require maintenance. In the event of a fault, have the device checked and repaired by a specialist.
- For safety and approval reasons, the device must not be converted or modified.
- In case of problems, please contact our customer service.
- Only use the device with the enclosed original power supply unit.

- The device may only be connected to easily accessible sockets. In case of danger, pull out the mains plug.
- Connect protection class I devices only to properly grounded power sources.
- Operate the device only via a residual current circuit breaker (maximum 30 mA).
- Never handle the power plug and socket with wet hands.
- Do not connect the device to cable drums
- The mains plug and coupling of an extension cable must be watertight and must not be immersed in water.
- Always lay cables to the device in such a way that they do not pose a danger to persons or animals.
- Use the device only within the specified temperature range of: -10 ~ 50°C
- When not in use, store the product in a clean and dry place with temperatures between 0°C and 40°C.
- During thunderstorms, there is a risk of overvoltage due to the risk of lightning strikes. Disconnect all connections of the device during thunderstorms.
- The device is not a toy! Keep the device out of the reach of children. Packaging material lying around such as plastic bags, foils or cushioning elements such as Styrofoam can be dangerous for children.
- Sharp cleaning agents or solvents may damage the product.
- Disconnect the product from the power source before cleaning. Use a lint-free cloth for cleaning.

- We accept no liability for damage to property or personal injury caused by improper handling of the device or by failure to observe the hazard warnings. We accept no liability for consequential damage! In such cases, all warranty claims are void.

7. Notes when using the APP

Read and accept the platform's privacy policy within the app. Choose a password for your account with a high level of security to protect it from unauthorized access. The password should contain at least 8 characters; we recommend the use of upper and lower case as well as alphanumeric characters / special characters.

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The trademarks or trade names mentioned in this manual are used to describe the operating steps and do not imply that they are freely available. In any case, they are the property of the respective rights holders.
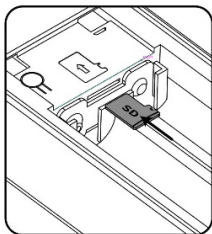
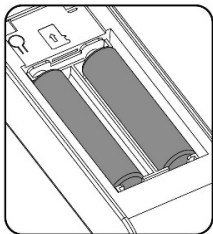# 9. Instructions for commissioning

Hardware overview:
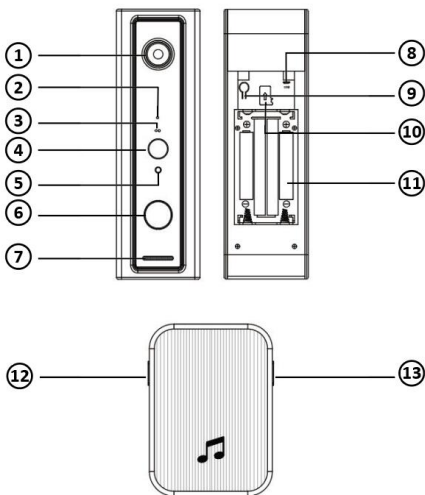
1	LENS	8	USB CHARGING PORT
2	MICROPHONE	9	TF MEMORY CARD SOCKET
3	INDICATOR LIGHT	10	RESET BUTTON
4	PIR	11	BATTERY BAY
5	LIGHTSENSITIVE	12	SWITCH MUSIC
6	DOORBELL BUTTOM	13	VOLUME ADJUSTMENT
7	HORN		

10. Installation Steps

1. Insert the SD card before installing the doorbell.

2. Put in 2pcs 18650 batteries.

3. Connect the Tuya "Smart Life"-App according to the instructions.
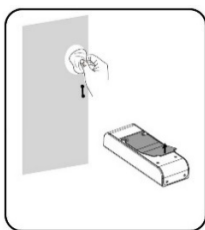
4. If the object to be installed is glass, clean the part of the glass to be installed, and then remove the 3M glue to install it (No screws required).
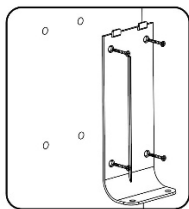
5. Drill holes on the installed door (non-glass door) and secure the door using doorbell screws.
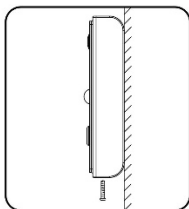
6. Tighten the screw at the bottom of the doorbell host.

11. Setting up the Smart Life User Account

In order to use your DIGITUS® Smart Full HD Outdoor Camera with LED Floodlight, WiFi & Voice Control, you need to register an user account. The setup and control can be done from your Smartphone/tablet, with Android system 4.4.2 and above, or iOS system 8 and above.

Create a user account with your Smartphone/tablet
If you have an Apple® iOS device, then you will find the "Smart Life" App on the Apple App Store®. For Smartphones and tablets running on Google Android OS you can find the "Smart Life"-App in the Google™ Play Store. In the search field of the respective App Stores® enter "Smart Life".

Apple App Store®

Google™ Play
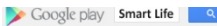
In the Search results the "Smart Life"-App will be marked with this symbol.

Then please download and install the App on your mobile device.

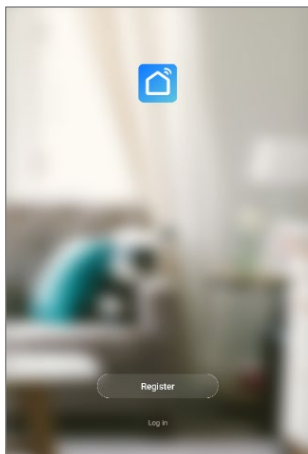You can also scan below QR code to download and install the app.

Apple App Store®   Google™ Play

Start the App and you will enter the login page. For first time user, please create your account by "Register".

Create new account with Smart Life

Click on "Register".

1. Please enter your email or phone number, which would be your login account.

2. Accept the Service Agreement and Privacy Policy

3. Press "Continue", you will receive a verification code by email or SMS. You will receive the email or SMS immediately. If you do not receive the email, please check your Spam Folder. If you do not receive the SMS, please check your registered phone number

4. Enter verification code

Verification Code

_____

Verification code has been sent to: b8098581@nwytg.net,
Resend (52s)

5. Create a password that you can remember.
   (Alphabet and numerical characters are supported).
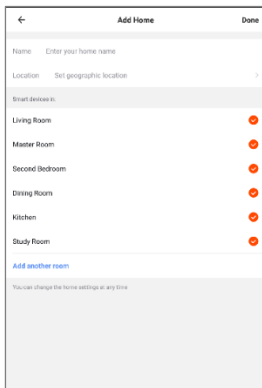
Set Password

Password must contain 6-20 letters and numbers

Done

6. Please enter a name, which you can choose freely (e.g. home). Optionally, you can now also determine the location and in which room your socket is used.


←	Add Home	Done
Name	Enter your home name	
Location	Set geographic location	>

Smart devices in:

Living Room	✓
Master Room	✓
Second Bedroom	✓
Dining Room	✓
Kitchen	✓
Study Room	✓

Add another room

You can change the home settings at any time

7. Connect the camera to your Wi-Fi

With Smartphone/tablet
1. Please power on the camera, press the RESET button for 5 seconds. When red and blue lights flash slowly, the device is ready to connect.
2. Please tab the "+" icon or tab "Add Device" in the app and follow the instructions in the app to connect your DIGITUS® Smart Full HD Outdoor Camera with LED Floodlight, WiFi & Voice Control to your WiFi.
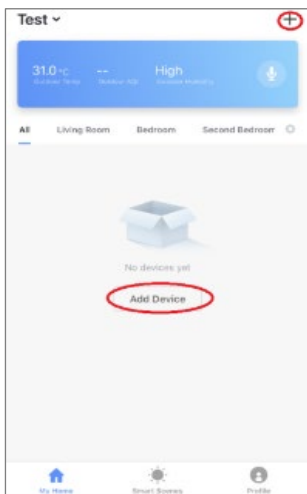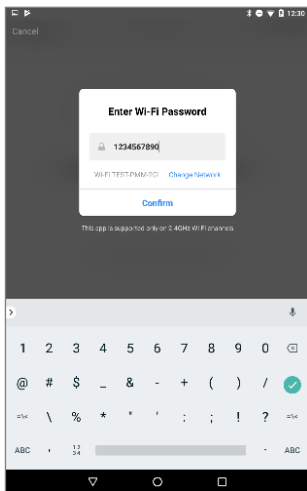
3. Please select "Security & Sensor" and afterwards "Smart Camera" to start.
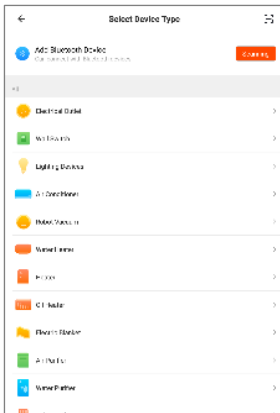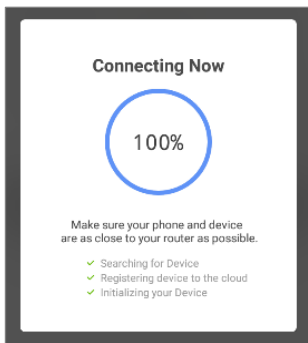
4. Confirm that the LED is fast blinking.
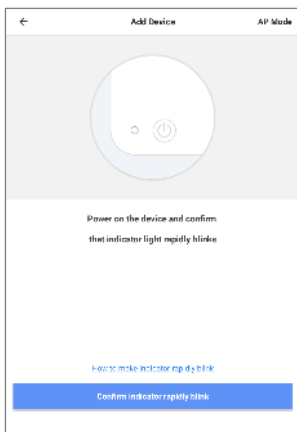
5. Your WiFi´s SSID will be shown to connect with. Please make sure, your mobile device is connected to your 2.4GHz WiFi network. 5GHz WiFi networks will not be supported. Please key in the password for your router/AP at home.

6. A QR-code will be automatically generated in the app, as shown in the picture. Let the QR-code aim at the cameras lens, keep their distance at around 15cm – 30cm. When hear a "beep" sound and see the red light turn blue, click "I heard the beep".

7. The DIGITUS® Smart Full HD Outdoor Camera with LED Floodlight, WiFi & Voice Control is now connecting to your WiFi network.

Connecting Now

100%

Make sure your phone and device
are as close to your router as possible.

✓ Searching for Device
✓ Registering device to the cloud
✓ Initializing your Device

8. After the camera is successfully connected, it can be renamed. For the use with a voice controlled system like Amazon Alexa or Google Home, we recommend to give the camera an identifiable name, e.g. main entrance.
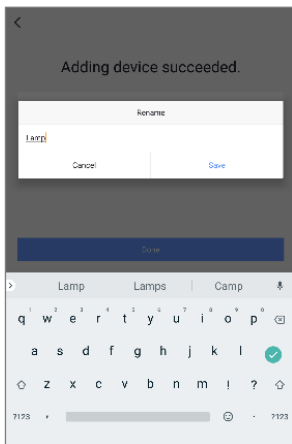
Once the camera is renamed, press "Save" and
"Done" to submit the changes.

9. You will be linked to the main menu.
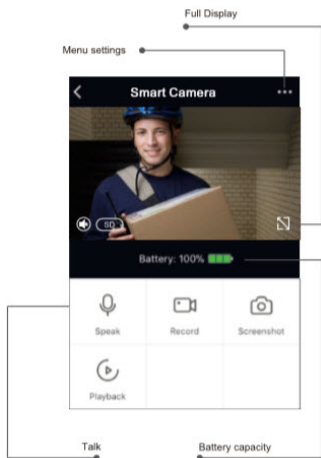
Now you can use your DIGITUS® Smart Full HD Outdoor Camera with LED Floodlight, WiFi & Voice Control.

12. Technical description

Frequency range: 2412MHz-2472MHz (13/9 channels)
Transmit power: <20 dBm EIRP
Hardware Version: 1.0
Software Version: 2.0.6

13. General notes on radio operation

During installation and operation, make sure that persons are at least 20 cm away from the device. The signal is transmitted via a non-exclusive transmission path. Disturbances and interferences cannot be excluded. General switching operations in the power supply system, electric motors or defective terminal equipment can cause interference. In case of problems of this kind, ask your dealer or an experienced radio and TV technician for advice.

Information!
The range in buildings can deviate strongly from the free field range. Building characteristics, weather conditions and humidity can have a strong influence on the range of the transmission path in addition to the transmission power. Reduced ranges due to these influences do not represent a product defect.

Hereby ASSMANN Electronic GmbH declares that the Declaration of Conformity is part of the shipping content. If the Declaration of Conformity is missing, you can request it by post under the below mentioned manufacturer address.

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