DIGITUS®

Smart Full HD PTZ Outdoor Camera with Auto Tracking, Dual LED, WiFi + Voice Control

Quick Installation Guide
DN-18604

1. Introduction

The weatherproof WiFi outdoor camera from DIGITUS® can be rotated 355° and panned 90° and is equipped with auto-tracking, this enables automatic tracking of movements within the field of view. Thanks to the wide-angle lens of 85° with razor-sharp Full HD resolution, you won't miss a single detail. The integrated dual LEDs ensure the best possible night vision up to 50 m - with switched-on white light LEDs also in color. They ensure optimal illumination and a clear view even in absolute darkness. Thanks to WLAN operation, you are 100% flexible as far as the installation location is concerned. All you have to do is position the camera within the range of your wireless network and supply it with power; alternatively, a network connection can also be established via cable using the RJ45 port. Via Amazon Alexa and Google Assistant, the camera image can be displayed on corresponding Amazon and Google displays via voice command. The camera is also able to detect and track movements in the image area and send a corresponding push notification to your smartphone. The available MicroSD card slot can be equipped with memory cards of up to 128 GB, so that recordings can be stored for a longer period of time and retrieved at any time. The two-way audio transmission allows you to communicate with people in front of the camera.

The camera's live image and all settings can be conveniently accessed and adjusted via app - regardless of your current location (assuming cellular reception). The camera is designed for a variety of uses, for example, for monitoring the house, garden, garage or carport. Thanks to the included bracket, the camera can be individually aligned and mounted. Go for security and flexibility with the voice-controlled Full HD PTZ outdoor camera from DIGITUS®.

2. Main features

- Full HD video resolution 1080p with a wide angle of 85°.
- Auto tracking function (tracking movements)
- Rotates 355° (PAN) / tilts 90° (TILT)
- Dual-LED illumination for optimal night vision up to 50m in color
- Voice control via Amazon Alexa & Google Assistant possible
- Motion detection with push notification via app
- Supports two-way audio transmission
- Recording to MicroSD card / cloud possible (manual/motion/schedule)
- Free Smart Life (Tuya) app available for iOS and Android
- Suitable for wall installation, weatherproof, IP65

3. Package Content

- 1 x Smart full HD PTZ outdoor camera with auto-tracking, dual-LED, WiFi + voice control
- 1 x Power adapter
- 1 x Mounting material
- 1 x Quick Start Guide

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

4. Technical data

- Video Resolution: 1920 x 1080p@25 BpS (Full HD)
- Video compression: H.264
- Optics: FOV: 90° viewing angle / 4 mm lens
- Light sensitivity: 0.1 lux / Aperture: F1.2
- Sensor: 1/2.7" CMOS - 2 megapixel
- Supports motion detection with auto-tracking (tracking motion)
- Rotates 355° (PAN) / Tilts 90° (TILT)
- Night vision range: up to 50m with dual LED for optimal illumination
- Day / night switching: IR-CUT
- Video frame rate: Mainstream 1080p@25bps, 720p@25bps
- Infrared LEDs: 4 pcs / White light LEDs: 4 pcs for optimized night vision in color

- Built-in speaker and microphone
- Two-way audio communication / compression: G.711
- Connection types: Wireless LAN / LAN RJ45
- wireless LAN: 2.4 GHz (IEEE 802.11b/g/n) - dual antenna
- LAN: RJ45 10/100M
- Recording modes: Manual / Motion / Schedule
- With MicroSD card slot
- MicroSD card storage capacity: up to 128 GB
- Supports cloud storage
- Network protocols: TCP/IP, UDP, DDNS, P2P, RTSP, Private Cloud, ONVIF
- System requirements: iOS 7 / Android 4 or higher
- Security: user authentication, software encryption
- Power supply camera: 12 V DC, 2 A via 5.5 mm DC jack
- Power consumption: 20 W max.
- Power supply input voltage: 100 - 240 V, 50/60 Hz , 0.7 A via Euro plug type-C (CEE 7/16)
- Power supply output voltage: 12 V DC, 2 A, 24 W via 5.5 mm hollow plug
- Operating temperature: -10°C ~ +50°C
- Operating humidity: 10% ~ 90%
- Protection class: IP65
- Dimensions: L 110 x W 170 x H 200 mm
- Weight: 490 g
- Color: White

5. Safety instructions

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

This product is designed for residential use.

This product is IP 65 rated, so there is protection against heavy seas and dust tightness.

6. Safety instructions for devices with a power supply unit in closed rooms

- Do not open the device under any circumstances. It does not contain any parts requiring 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.

- 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: 0 ~ 40°C.
- When not in use, store the product in a clean and dry place with temperatures between 0°C and 40°C.
- Do not allow the device to come into contact with liquids
- This device is not intended for outdoor use. Ensure that the device is used only in dry, dust-free, apartment-like environments.
- 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 equipment 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.
- Dust, moisture and vapors as well as 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. Note on Video Surveillance

Observe all applicable laws regarding camera surveillance. The cameras are intended for private use at home. Inform your family members, relatives and household helpers in your household about the video surveillance. Ensure that public areas and your neighbors' property cannot be seen.

8. Notes when using the APP

Read and accept the privacy policy of the platform within the app. Choose a password with a high level of security for your account to protect it from unauthorized access.

The password should contain at least 8 characters; we recommend using upper and lower case and 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.

10. Commissioning guide:

Hardware overview:

Smart Full HD PTZ Outdoor
Camera with Auto Tracking,
Dual LED, WiFi + Voice Control

RJ45 waterproof
connector cap

Power supply

Mounting kit

11. Hardware installation:

Wall mounting

Select a location for the camera and then use the
bracket to mark the position of the four drill holes.
Select a suitable drill bit with the same diameter as the
expansion anchor and drill the four holes in the wall.
Insert the expansion anchors into the holes and fasten
the camera and bracket with the four screws provided.

Positioning/Fixing:
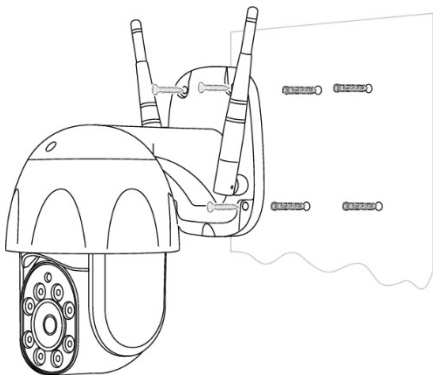
Insert the plug of the power supply into the power
input on the connection cable of the camera.
Connect the camera to the power outlet and turn it on.

NOTE: If you are using a wired connection, insert an Ethernet cable into the Ethernet cable into the RJ45 connector on the connection cable and connect it to a router or network switch.

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.

Apple App Store®   Google™ Play

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

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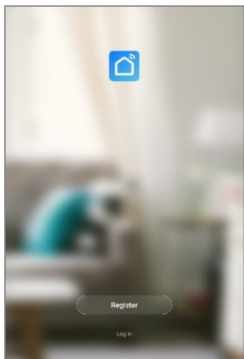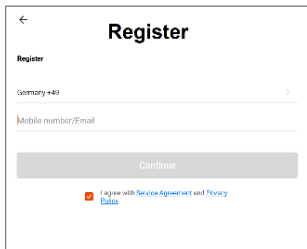

Create new account with Smart Life
Click on "Register".
1. Please enter your email or phone number, which would be your login account.
2. Accept the Service Agreement and Privacy Policy

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: b8096581@nwytg.net,
> Resend (52s)
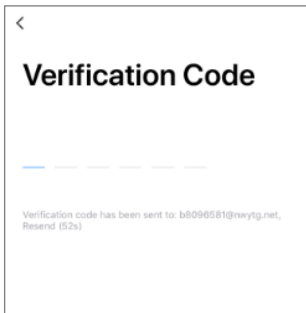
5. Create a password that you can remember.
   (Alphabet and numerical characters are
   supported).

> **Set Password**
>
> Password must contain 6-20 letters and numbers
>
> Done
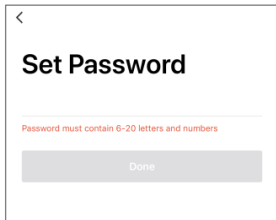
6. Please enter a name, which you can choose freely (e.g. home). Optionally, you can now also determine the location and in which room your socket is used.


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.
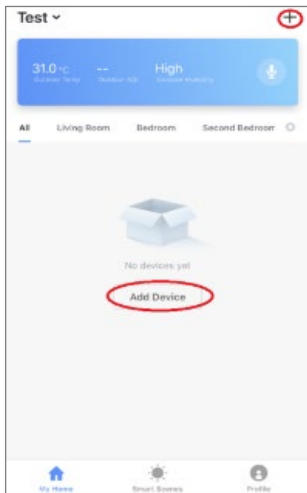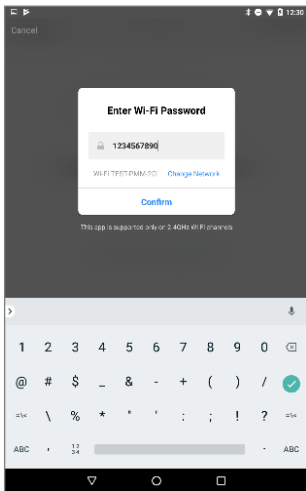
3. Please select "Security & Sensor" and afterwards "Smart Camera" to start.
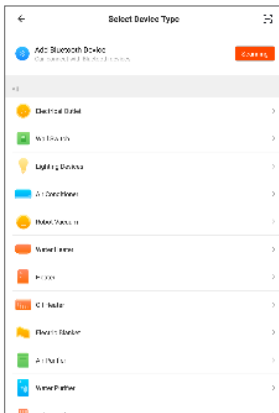
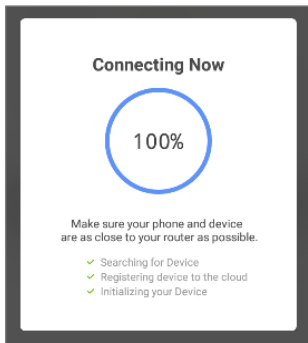4. Confirm that the LED is fast blinking.
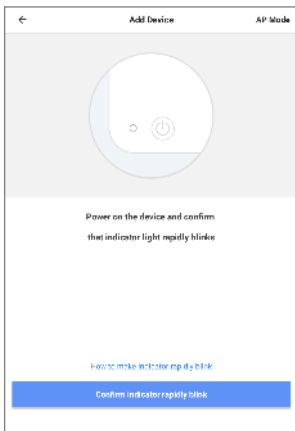
5. Your WiFi´s SSID will be shown to connect with. Please make sure, your mobile device is connected to your 2.4GHz WiFi network. 5GHz WiFi networks will not be supported. Please key in the password for your router/AP at home.

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
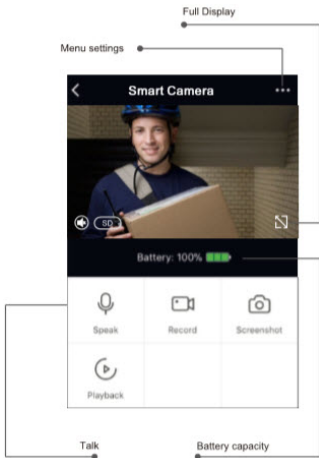✓ Initializing your Device

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.
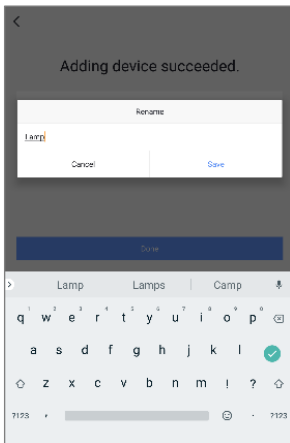
Once the camera is renamed, press "Save" and "Done" to submit the changes.

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
Technical data:
Frequency range: 2412MHz-2472MHz (HT20)
Transmit power: <20 dBm EIRP
Hardware Version: 1.01
Software Version: V1.0.33.R_20200910

13. General notes on radio operation
During installation and operation, make sure to keep at least 20 cm distance to persons. The signal transmission takes place on 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.

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