

Network Outdoor Motorized Dome Camera Quick Guide



FOR A GOOD REASON
GRUNDIG

GD-CI-AP4746P

GD-CI-BP2747P

Quick Guide

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Please find the latest version at **WWW.GRUNDIG-SECURITY.COM**

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You may obtain the complete corresponding open source part of a specific product from us for a period of three years after our last shipment of this product by sending an email to: info@grundig-security.com

Safety Instruction

Make sure that you only use the power adapter that is specified in the specifications sheet of the product. If you use any other adapter or connect the power supply incorrectly, this may cause explosion, fire, electric shocks or damage the product. Do not connect several devices to one power adapter as this may cause an adapter overload and can lead to over-heating and fire. Make sure that the plug of the power adapter is firmly connected to the power socket.

Do not place containers with liquids on the product. Do not place conducting items like tools, screws, coins or other metal items on the product. These may fall from the product or can cause fire or electric shocks or other physical injuries.

Do not push or insert any sharp items or any objects into the device as this may cause damage to the product, fire, electric shocks and/or physical injuries.

Do not block any ventilation openings, if there are any. Ensure that the product is well ventilated to prevent any over-heating.

Do not subject the device to physical shock or drop the product.

If the product uses batteries, please use a battery type that is recommended by the manufacturer. Improper use or replacement of the battery may result in the hazard of explosion.

Do not use any accessories that are not recommended by GRUNDIG. Do not modify the product in any way.

If the product starts to smell or smoke comes out of the device, immediately stop using the product and disconnect it from the power supply to prevent fire or electric shocks. Then contact your dealer or the nearest service center.

If the product does not work correctly, contact your dealer or nearest service center. Never open, disassemble or alter the product yourself. GRUNDIG cannot accept any liability or responsibility for problems caused by attempted and unauthorized repair and maintenance.

Installation Instructions

It is necessary to fix the device firmly if the product is installed on a wall or ceiling.

Do not install the product on surfaces or in places that are vibrating. Do not install the product near radiation sources.

Do not install the product near heat sources, like radiators or other equipment that produces some heat.

If the product is not classified by any IP class, do not install the product in very cold or hot temperatures (please refer to the working temperature specified in the specification sheet of the product), dusty, dirty or damp environment.

If the product is classified by any IP class, never touch the product cover directly with your fingers, because the acidic sweat of the fingers may damage the surface coating of the product cover. To clean the inside and outside of the product cover, use a soft and dry cloth. In any case, do not use alkaline detergents.

The correct configuration of all passwords and other security settings is the sole responsibility of the installer and/or end-user (this applies especially to IP Cameras and Recorders).

Special Installation Instructions for IP Cameras

Make sure that the latest firmware is installed on the IP Device. You may get the latest firmware from www.grundig-security.com website or from techsupport@grundig-security.com.

Do not touch the sensor module with your fingers. Do not aim the camera or camera lens at a strong light such as the sun or a bright lamp. Irreversible damage to the camera can be caused by a strong light. Do not expose the sensor of the product to laser beams as this may damage the sensor.

If the product supports IR, you need to take some precautions to prevent IR reflection. Do not install the product close to reflective surfaces of objects as this may cause reflection. If the product has a dome cover, please remove the protection film only after installation to prevent dust or grease on the camera which can cause reflection. The foam ring around the lens must be seated flush against the inner surface of the bubble to isolate the lens from the IR LEDs. Fasten the dome cover to the camera body so that the foam ring and the dome cover are attached seamlessly.

For cleaning, use a clean cloth with a bit of ethanol and wipe it carefully and gently. In any case, do not use alkaline detergents.

If a glove is provided in the package, please use it to open the product cover. Never touch the product cover directly with fingers, because the acidic sweat of the fingers may damage the surface coating of the product cover.

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1 Overview

1.1 Speed Dome Overview

Note:

The figures below are for reference only, refer to the actual product as the standard.

1.1.1 Overview of the IR Speed Dome

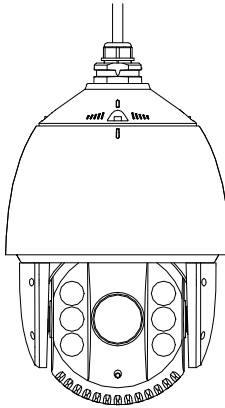


Figure 1-1 Overview of the IR Speed Dome

1.2 Cable Interface

The cable interfaces of the speed dome are shown in Figure 1-2. The cables are distinguished by different colors. Refer to the labels attached on the cables for identification.

Notes:

- Make sure the speed dome is power-off before you connect the cables.
- The RS-485 port and the BNC Video Cable are not supported from each model.

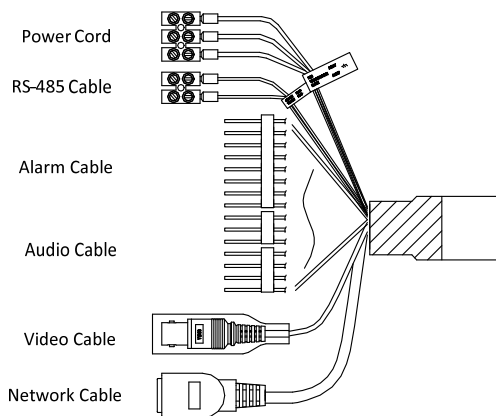


Figure 1-2 Cable Interfaces

1.3 Alarm Output

Alarm output is shown in Figure 1-3.

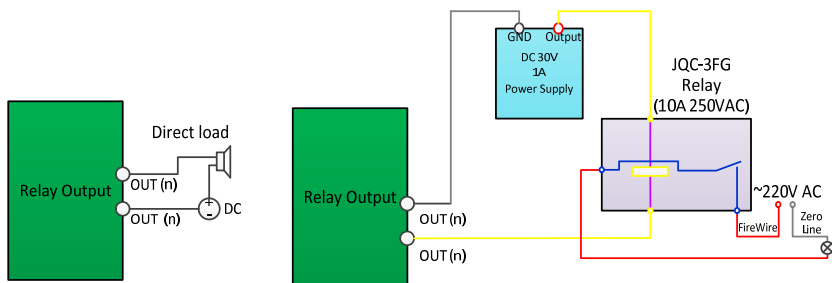


Figure 1-3 Alarm Output

2 Installation

Before you start:

Check the package contents and make sure that the device in the package is in good condition and all the assembly parts are included.

Notes:

- Do not touch the bubble directly by hand. The image blurs otherwise.
- Do not power the speed dome up until the installation is finished. To ensure the safety of personnel and equipment, all the installation steps should be done with power supply off.
- Do not drag the speed dome with its waterproof cables; otherwise the waterproof performance is affected.

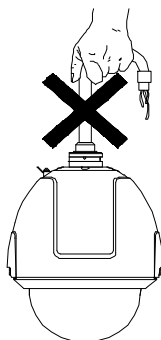


Figure 2-1 Do Not Drag the Cables

2.1 Installing the IR Speed Dome

2.1.1 Wall Mounting

Notes:

- For cement wall you need to use the expansion screw to fix the bracket. The mounting hole of the expansion pipe on the wall should align with the mounting hole on the bracket.
- For wooden wall, you can just use the self-tapping screw to fix the bracket.
- Make sure that the wall is strong enough to withstand more than eight times the weight of the speed dome and the accessories.
- The bracket in Figure 2-3 is the recommended bracket for this series of speed dome.

Steps:

1. Install the memory card.
 - 1) Loosen the four screws of the back cover of the camera and remove the cover.
 - 2) Insert the memory card into the card slot.

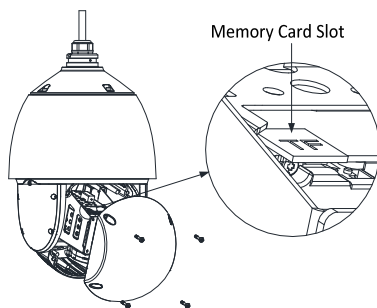


Figure 2-2 Remove the Protective Accessories

- 3) Install the cover back and tighten the screws.
2. Install the bracket.
 - 1) Get the bracket and screws from the packing box as shown in Figure 2-3.

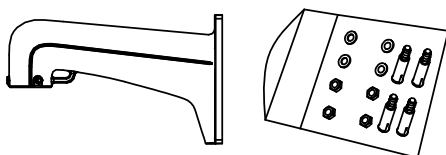


Figure 2-3 Wall Mounting Bracket

- 2) Drill four screw holes in the wall according to the holes on the bracket and then insert four M8 expansion screws into the mounting holes.
 - 3) Attach the gasket and the bracket to the wall by aligning the four screw holes on the bracket with four expansion screws on the wall.
 - 4) Secure the bracket with four hex nuts and washers.

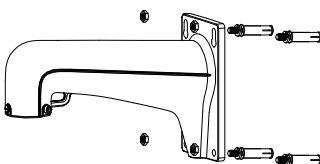


Figure 2-4 Secure the Bracket

-
3. Install the speed dome to the bracket.
 - 1) Hook the end of the safety rope to the speed dome back box and the bracket respectively as shown in Figure 2-5.

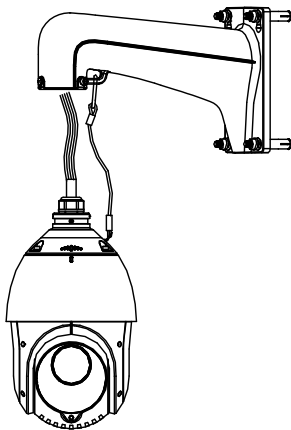


Figure 2-5 Safety Rope

- 2) Route the cables through the bracket and connect the corresponding cables.
- 3) Loosen the two lock screws on the bracket.
- 4) Align the speed dome with bracket and rotate it to the bracket tightly.
- 5) Tighten the two lock screws with the wrench to secure the speed dome and the bracket.

2.1.2 Ceiling Mounting

Notes:

- The thickness of the ceiling must range from 5 mm to 40 mm.
- The ceiling must be strong enough to withstand more than four times the weight of the speed dome and the accessories.
- If the speed dome is installed with the ceiling bracket to the wooden ceiling, use the self-tapping screws to secure the mounting base.
- If the speed dome is installed to the cement ceiling with the ceiling bracket, drill screw holes onto the ceiling according to the position of the holes of the ceiling bracket and secure the mounting base to the ceiling with expansion screws then.

Steps:

1. Drill screw holes in the ceiling.
 - 1) Attach the drill template to the ceiling where you want to install the speed dome.
 - 2) Drill screw holes and a cable hole (optional) according to the drill template.
2. Install the speed dome to the ceiling.
 - 1) Align the ceiling bracket with the screw holes on the drill template and secure the ceiling bracket to the ceiling with screws (supplied).
 - 2) Push the speed dome to the ceiling bracket and rotate it clockwise to secure it.

3 Setting the Speed Dome over the LAN

Note:

You shall acknowledge that the use of the product with Internet access might be under network security risks. For avoidance of any network attacks and information leakage, please strengthen your own protection.

If the product does not work properly, contact your dealer or the nearest service center for help.

3.1 Wiring

Connect the camera to the network according to the following figures.

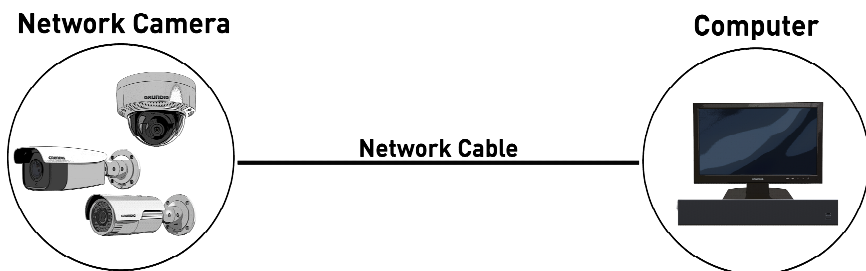


Figure 3-1 Connecting Directly

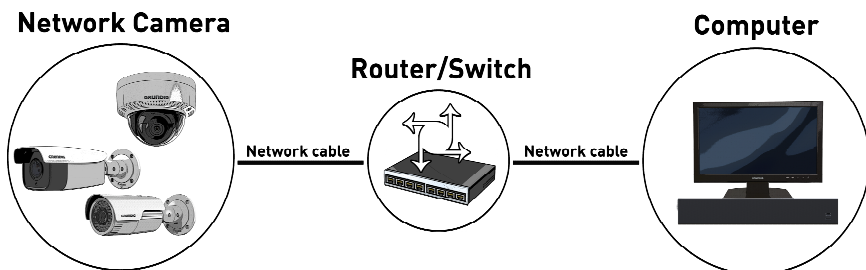


Figure 3-2 Connecting via a Switch or a Router

3.2 Activating the Camera

You are required to activate the camera first by setting a strong password for it before you can use the it.

Activation via Web Browser and activation via Grundig IP-Finder are supported. We will take activation via Grundig IP-Finder tool and Activation via Web Browser to introduce the camera activation.

3.2.1 Activation via Web Browser

Steps:

1. Power on the camera. Connect the camera to your computer or the switch/router which your computer connects to.
2. Input the IP address into the address bar of the web browser and press Enter to enter the activation interface.

Notes:

- The default IP address of the camera is 192.168.1.100
- The PC and the camera should belong to the same subnet.
- For the camera enables the DHCP by default you need to use the Grundig IP-Finder Tool to search the IP address.

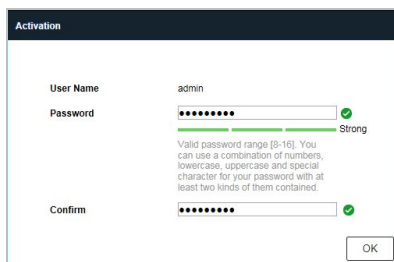


Figure 3-3 Activation Interface (Web)

3. Create a password and input the password into the password field.



STRONG PASSWORD RECOMMENDED– We highly recommend you create a strong password of your own choosing (Using a minimum of 8 characters, including at least three of the following categories: upper case letters, lower case letters, numbers, and special characters.) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

4. Confirm the password.
5. Click **OK** to activate the speed dome and enter the live view interface.

3.2.2 Activation via Grundig IP-Finder Tool

The Grundig IP-Finder tool is used for detecting the online device and activating the camera.

Get the Grundig IP-Finder tool from the supplied disk or the official website and install the software according to the prompts. Follow the steps to activate the camera, please refer to the User manual for other activation methods.

Steps:

1. Run the Finder software to search the online devices.
2. Check the device status from the device list and select the inactive device.

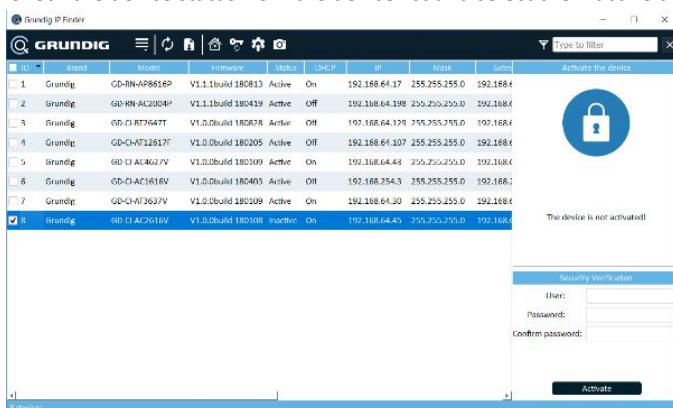


Figure 3-4 Grundig IP-Finder Interface

Note:

The software supports activating the camera in batch. Refer to the user manual of Grundig IP-Finder tool for details.

3. Create and input the new password in the password field and confirm the password.



STRONG PASSWORD RECOMMENDED— We highly recommend you create a strong password of your own choosing (Using a minimum of 8 characters, including at least three of the following categories: upper case letters, lower case letters, numbers, and special characters.) in order to increase the security of your product. And we recommend you reset your password regularly, especially in the high security system, resetting the password monthly or weekly can better protect your product.

4. Click **Activate** to save the password.

You can check whether the activation is completed on the popup window. If activation failed, make sure that the password meets the requirement and try again.

3.3 Modifying the IP Address

Purpose:

To view and configure the speed dome via LAN (Local Area Network), you need to connect the network speed dome in the same subnet with your PC.

Use the Grundig IP-Finder tool to search and change the IP address of the device. We take modifying the IP Address via Grundig IP-Finder tool as an example to introduce the IP address modification.

Steps:

1. Run the Grundig IP-Finder tool.
2. Select an active device.
3. Change the device IP address to the same subnet with your computer by either modifying the IP address manually or checking the checkbox of “DHCP”.

Update network params

☒ DHCP

IP Address: 192.168.64.45

Mask: 255.255.255.0

Gateway: 192.168.64.5

SDK Port: 8000

HTTP Port: 80

Security Verification

User:

Password:

Update

Figure 3-4 Modify the IP Address

4. Input the admin password and click **Modify** to activate your IP address modification.

The batch IP address modification is supported by the Grundig IP-Finder. Please refer to the User Manual of Grundig IP-Finder for details

4 Accessing via Web Browser

System Requirement:

Operating System: Microsoft Windows XP SP1 and above version/Vista/Win7/Server 2003/Server 2008 32bits

CPU: Intel Pentium IV 3.0 GHz or higher

RAM: 1G or higher

Display: 1024 × 768 resolution or higher

Web Browser: Internet Explorer 7.0 and above version, Apple Safari 5.02 and above version, Mozilla Firefox 5 and above version and Google Chrome8 and above version

Steps:

1. Open the web browser.
2. In the browser address bar, input the IP address of the network camera and enter the login interface.

Note:

The default IP address is 192.168.1.100. You are recommended to change the IP address to the same subnet with your computer.

3. Input the user name and password.

The admin user should configure the device accounts and user/operator permissions properly. Delete the unnecessary accounts and user/operator permissions.

Note:

The device IP address gets locked if the admin user performs 7 failed password attempts (5 attempts for the user/operator).

4. Click **Login**.

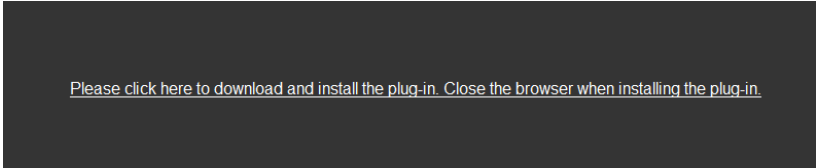


Figure 4-1 Login Interface

-
5. Install the plug-in before viewing the live video and managing the network camera. Please follow the installation prompts to install the plug-in.

Note:

You may have to close the web browser to finish the installation of the plug-in.



[Please click here to download and install the plug-in. Close the browser when installing the plug-in.](#)

Figure 4-2 Download Plug-in

6. Reopen the web browser after the installation of the plug-in and repeat the above step 2 to step 4 to login.

Note:

For detailed instructions of further configuration, refer to the user manual of network camera.

4.1 Initializing the Memory Card

Steps:

Check the memory card status by tapping on the Storage Status in the Device Settings interface.

If the memory card status displays as uninitialized, tap to initialize it. The status will then change to Normal. You can then start recording any event triggered video in the camera such as motion detection.

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