

Network Dome Camera Quick Guide



FOR A GOOD REASON
GRUNDIG

GD-CI-AC1616V

GD-CI-BC1616V

GD-CI-AC2616V

GD-CI-BC2616V

GD-CI-AC4616V

GD-CI-BC4616V

GD-CI-AC2627V

GD-CI-AC4627V

GD-CI-AC4637V

Quick Guide

About this guide

The guide includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the guide is subject to change, without notice, due to firmware updates or other reasons.

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.

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 Appearance Description

This series of cameras has two types, and shares the same appearance, shown as the figure 1-1.

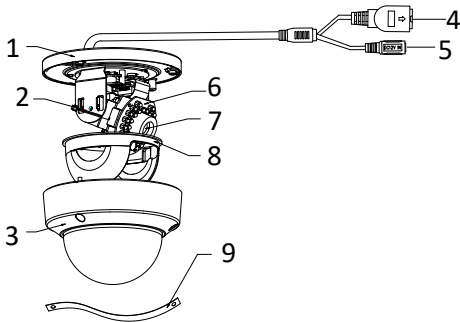


Figure 1-1 Camera Overview

Table 1-1 Description of Type I/II Camera

No.	Description
1	Mounting Base
2	Tilt Adjusting Screw
3	Bubble
4	Network Interface
5	Power Interface
6	IR LED
7	Lens
8	Black Liner
9	Safety Rope

Note: Power on the camera when pressing the RESET button, and press button for another 10 seconds to restore the default settings, including the user name, password, IP address, port No., etc.

2 Installation

Steps:

1. Attach the drill template to the ceiling.
2. Drill the screw holes and cable hole (optional) in the ceiling according to the drill template.

Note: Cable hole is required when you adopt ceiling outlet to route the cables.

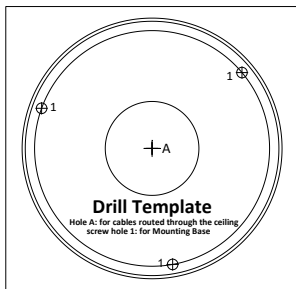


Figure 2-1 Drill Template

3. Loosen the set screws with a hex wrench (supplied) to remove the bubble.

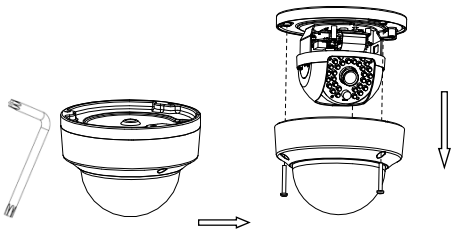
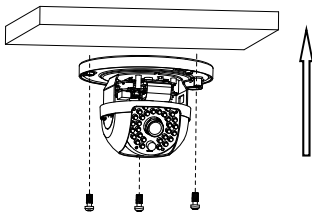


Figure 2-2 Remove the Bubble

4. Fix the mounting base on the ceiling with supplied screws.

Figure 2-3 Fix the Mounting Base



5. Route the cables through the cable hole.

Note: If required, you can route cables through the side opening on the side of the mounting base.

Side Opening

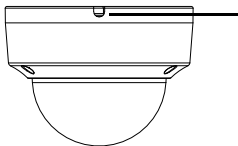


Figure 2-4 Side Opening

6. Connect the corresponding cables, such as power cable and network cable.
7. Power on the camera to check whether the image on the monitor is gotten from the optimum angle. If not, adjust the camera to get an optimum angle.

Notes:

- Type I supports 2-axis adjustment. Loosen the tilt adjusting screw to adjust the tilt angle [0° to 70°], hold the black liner to adjust the pan angle [0° to 355°]. See the figure below.

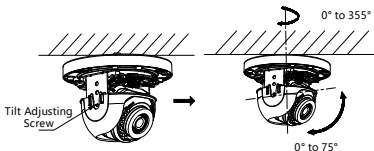


Figure 2-5 Type I Camera 2-Axis Adjustment

-
- Type II camera supports 3-axis adjustment. Loosen the tilt adjusting screw to adjust the tilt angle [0° to 75°], hold the black liner to adjust the pan angle [0° to 355°], and hold the lens to rotate the camera [0° to 355°]. See the figure below.

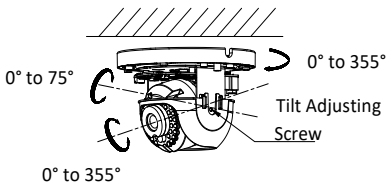


Figure 2-6 Type II Camera 3-Axis Adjustment

8. Reinstall the bubble, and tighten the screws.

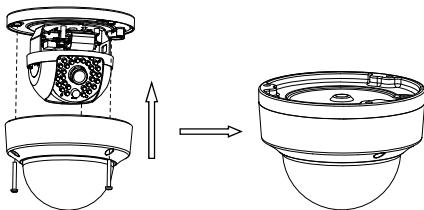


Figure 2-7 Bubble Reinstallation

3 Setting the Network Camera 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 network according to the following figures.

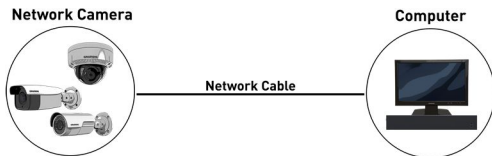
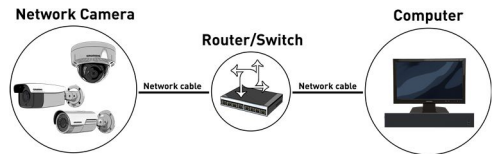


Figure 3-1 Connecting Directly



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 camera.

Activation via Web Browser, Activation via Grundig IP-Finder, and Activation via Client Software are all supported. We will take activation via Grundig IP-Finder software and Activation via Web Browser as examples to introduce the camera activation.

Note:

Refer to the User manual for Activation via Client Software.

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 computer 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 software to search the IP address.

The screenshot shows a web-based activation interface. At the top, there is a dark blue header with the word "Activation" in white. Below the header, the interface is divided into three main sections: "User Name", "Password", and "Confirm". The "User Name" field contains the text "admin". The "Password" field is a text box with a green checkmark to its right, indicating a strong password. Below the password field, there is a green progress bar and the word "Strong". A note below the password field states: "Valid password range (8-16). You can use a combination of numbers, lowercase, uppercase and special character for your password with at least two kinds of them contained." The "Confirm" field is a text box with a green checkmark to its right. At the bottom right of the interface, there is an "OK" button.

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 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 save the password and enter the live view interface.

3.2.2 Activation via IP-Finder Software

Grundig Finder software is used for detecting the online device and activating the camera.

Get the Grundig Finder software 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 two 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.

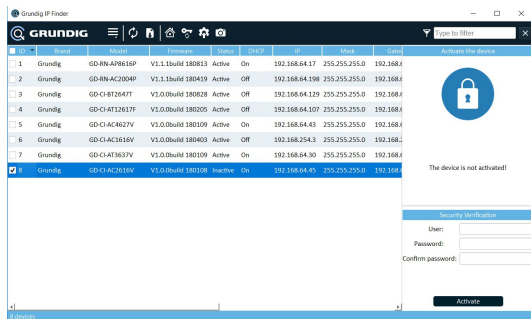


Figure 3-4 Grundig IP-Finder Interface

Note:

The software supports activating the camera in batch. Refer to the user manual of Grundig Finder software 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 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 start activation.

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 camera via LAN (Local Area Network), you need to connect the network camera in the same subnet with your PC.

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

For IP address modification via client software, refer to the user manual of client software.

Steps:

-
1. Run the Grundig IP-Finder software.
 2. Select an activate 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 Enable DHCP.

The screenshot shows a mobile application interface for updating network parameters. At the top, a blue header bar contains the text 'Update network params'. Below this, there is a section with a checked checkbox labeled 'DHCP'. Underneath, several input fields are displayed: 'IP Address' with the value '192.168.64.45', 'Mask' with '255.255.255.0', 'Gateway' with '192.168.64.5', 'SDK Port' with '8000', and 'HTTP Port' with '80'. At the bottom of the form, there is a 'Security Verification' section with 'User:' and 'Password:' labels and corresponding input fields. A dark blue button labeled 'Update' is positioned at the very bottom of the form area.

Figure 3-5 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

CPU: 2.0 GHz or higher

RAM: 1G or higher

Display: 1024×768 resolution or higher

Web Browser: Internet Explorer 8.0 and above version, Apple Safari 5.0.2 and above version, Mozilla Firefox 5.0 and above version and Google Chrome 18 and above version

Steps:

1. Open the web browser.
2. In the browser address bar, input the IP address of the network camera, and press the **Enter** key to 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 PC.

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**.

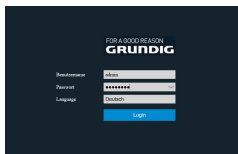


Figure 4-1 Login Interface

5. Install the plug-in before viewing the live video and managing the 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 steps 2 to 4 to login.

Note:

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

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