



Quick Start Guide

GD-CI-AT2505B

GD-CI-AT4505B

GD-CI-AT8505B

EN

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GRUNDIG

Quick Guide

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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 and Installation Instructions

Introduction

Please read these instructions carefully and keep them for future reference. You must heed all the warnings and cautions as well as follow all the safety and installation instructions.

The appearance of the products, functions and firmware or software upgrade may differ from this manual.

GRUNDIG reserves the right to perform needed changes without prior notice.

Safety Instructions

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 Cameras

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.

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.

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1 Appearance Description

The overview of the box camera is shown below:

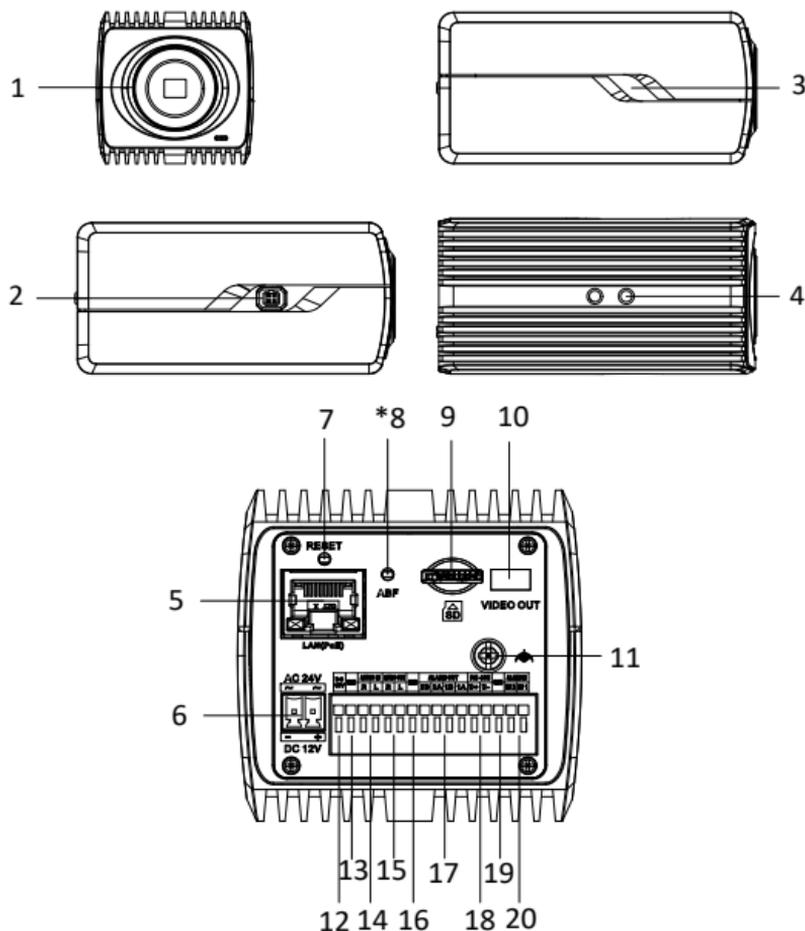


Figure 1-1 Overview

Table 1-1 Description

No.	Description	No.	Description
1	Lens Mount	2	Auto-iris Interface
3	Power Indicator	4	¼-20 UNC Screw Hole
5	LAN (PoE 802.3af)	6	Power Supply (12 VDC/24 VAC)
7	Reset	8*	ABF (Auto Back Focus)
9	Memory Card Slot	10	Video Out
11	Grounding Screw	12	Power Output (12 VDC, 200mA)
13	Grounding	14	Audio Input
15	Audio Output	16	Grounding
17	Alarm Output	18	RS-485
19	Grounding	20	Alarm Input

Note:

- Power indicator: red stands for starting and blue for working.
- To reset the camera default parameters, you need to press and hold the RESET button and power on the camera. After the power on of the camera, you must still press and hold the Reset button for about 10 seconds.

2 Installation

2.1 Memory Card Installation

Steps:

1. Insert the memory card to memory card slot on the rear panel of the camera.
2. (Optional) If you want to unmount the memory card, push to get it ejected.

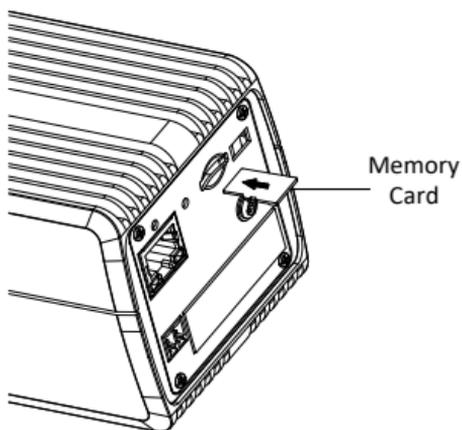


Figure 2-1 Memory Card Installation

2.2 Lens Installation

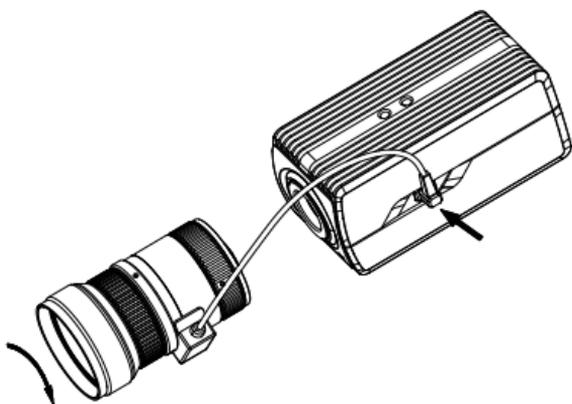


Figure 2-2 Lens Installation

Steps:

1. Fit the lens (not supplied) to the camera and rotate it to get it tightened.

Notes:

- Install the adapter ring to the lens interface if a C-mount lens is used.
 - A manual-iris lens can be directly installed to the camera without plugging the power cable of the auto-iris to the AI-interface.
2. Plug the auto-iris cable to AI-interface of the camera.

2.3 Camera Mounting

2.3.1 Pendant Mounting

Before you start:

Pendant mount is not included in package. If you adopt this mounting style, you need to prepare a mounting bracket in advance. The shown pendant mount is for demonstration.

Steps:

1. Install the pendant mount to the ceiling with the supplied screws.

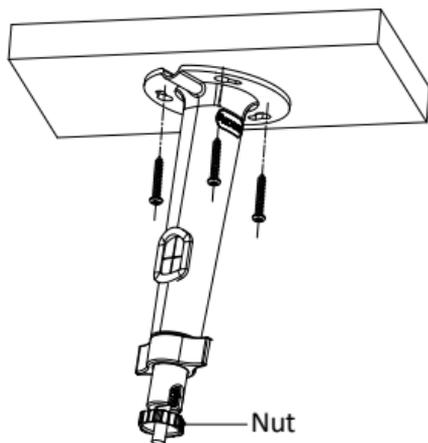


Figure 2-3 Install the Mount

2. Screw the camera to pendant mount and tighten the nut.
3. Adjust surveillance angle

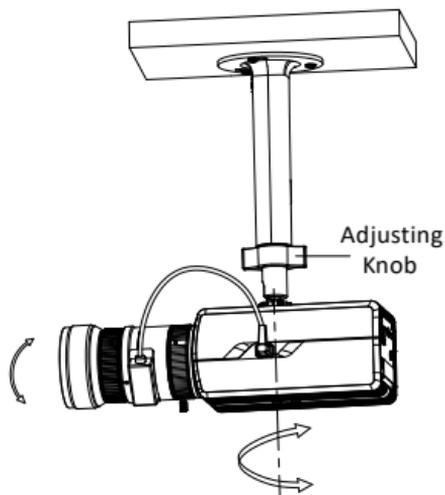


Figure 2-4 Adjust Surveillance Angle

- 1). Loosen the adjusting knob.
- 2). Hold the camera body to adjust panning and tilting position.
- 3). Tighten the knob after adjustment.
4. Adjust zoom and focus level. Refer to *Section 2.5*.

2.3.2 Wall Mounting

Before you start:

Wall mount is not included in package. If you adopt this mounting style, you need to prepare a mounting bracket in advance. The shown wall mount is for demonstration.

Steps:

1. Separate the pedestal from the wall mount.

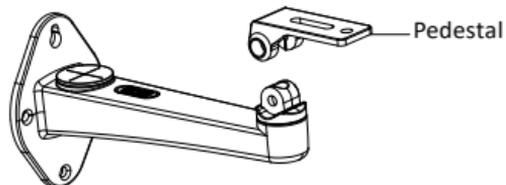


Figure 2-5 Separate Pedestal

2. Fix the pedestal to camera body.

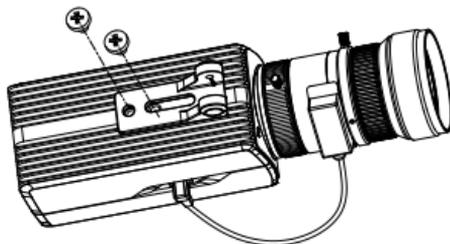


Figure 2-6 Fix Pedestal to Camera

3. Install the wall mount to wall.
4. Install the pedestal together with the camera back to wall mount.

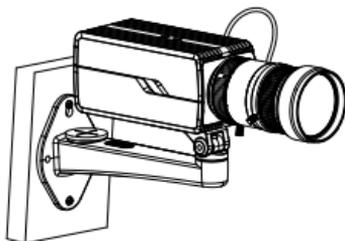


Figure 2-7 Install Camera to Wall Mount

5. Adjust the surveillance angle.
 - 1). Loosen tilt adjusting screw. Tighten the screw after adjusting.
 - 2). Loosen pan adjusting screw. Tighten the screw after adjusting.

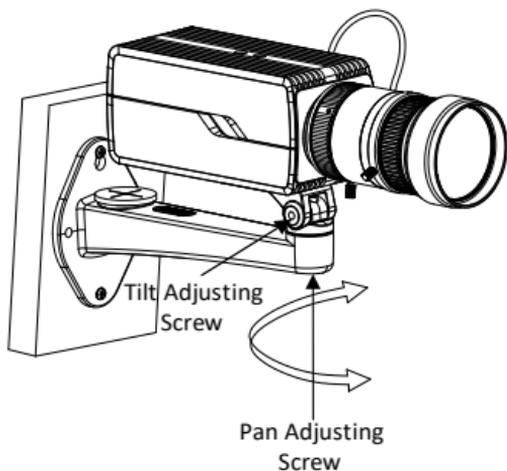


Figure 2-8 Adjust Surveillance Angle

6. Adjust zoom and focus level. Refer to *Section 2.5*.

2.4 Mounting with Housing

Before you start:

The shown housing is not included in package. You need to prepare one if you adopt this mounting style.

Also, for housing mounting, you need to prepare suitable brackets in advance.

Steps:

1. Screw the camera to mounting plate of the housing.

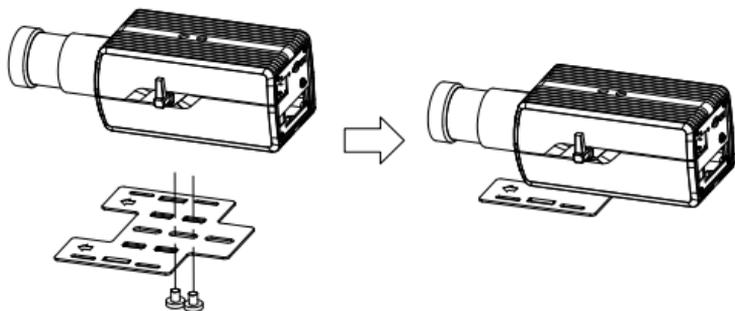


Figure 2-9 Install Camera to Mounting Plate

2. Screw the mounting plate together with the camera back to the housing.

Note:

Push the camera as close to the window as possible.

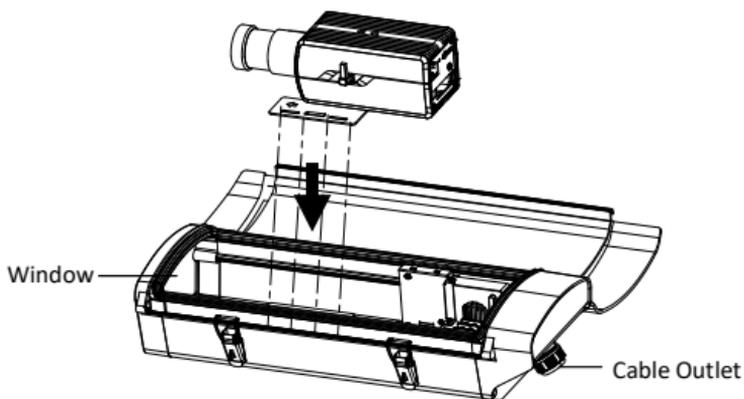
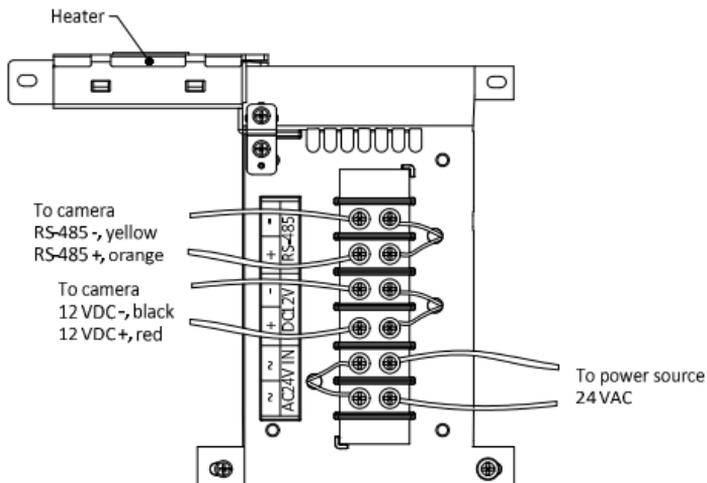


Figure 2-10 Install Camera to Housing

3. Connect and route cables through the cable outlet of the housing.

- 1). For network, alarm input and output, and audio input and output, plug corresponding plugs to the rear panel of the camera. See Figure 1-1.
- 2). For power supply and RS-485, see the following figure.



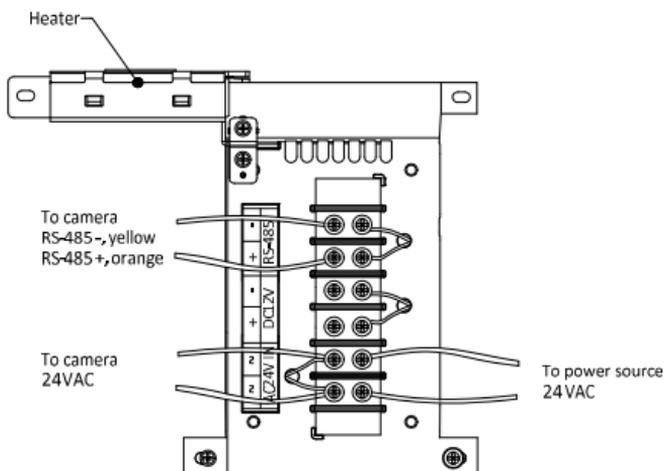


Figure 2-11 Wiring Board in Housing

4. Buckle the housing.

5. Install the housing to surveillance scene.

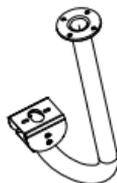
Using brackets, the housing supports wall mounting, pole mounting, and pendant mounting. The brackets are shown in the figures below:



Wall Mount



Horizontal Pole Mount



Pendant Mount

-
- 1). Install the bracket onto the wall/ceiling/pole. The wall mounting bracket, loop mounting bracket, and the pendent bracket are shown in the figures below.

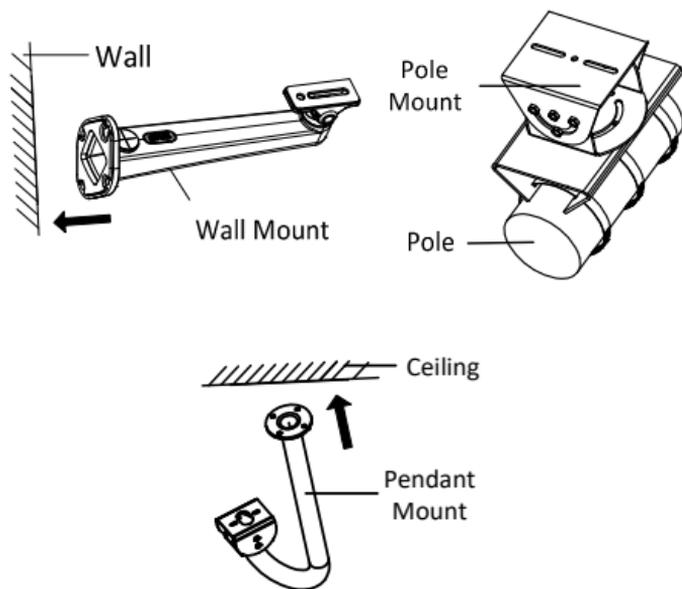


Figure 2-12 Install the Bracket to Mounting Place

- 2). Fix the housing (with camera) onto the bracket with the supplied screws.
- 3). Loosen the adjusting screw to adjust the surveillance angle of the camera. Tighten the screw after adjustment.

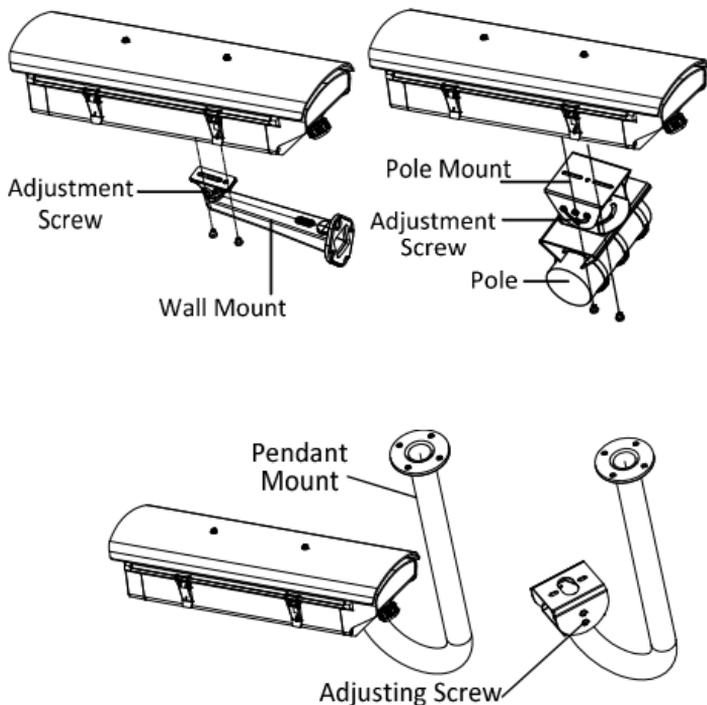


Figure 2-13 Fix the Housing to Brackets

2.5 Zoom and Focus Adjustment

Steps:

1. Power on the camera.
2. Connect the video out interface of the camera to the installation display device.

-
3. Adjust the Zoom Lever and Focus Lever according to the image on the display device.

Note:

For the camera equipped with the auto iris, it is suggested you change the iris mode to manual from the camera menu (accessed via web browser), and re-change it back to auto iris after you adjust the focus by the focus lever.

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.

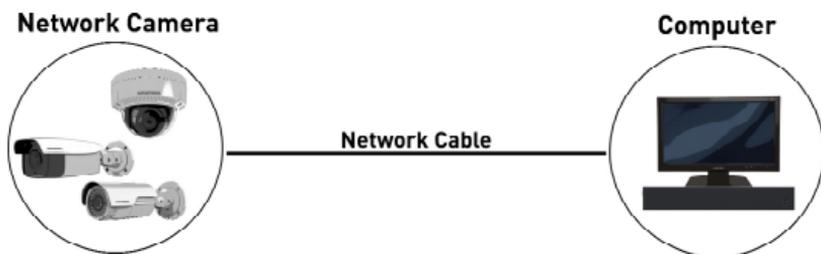


Figure 3-1 Connecting Directly

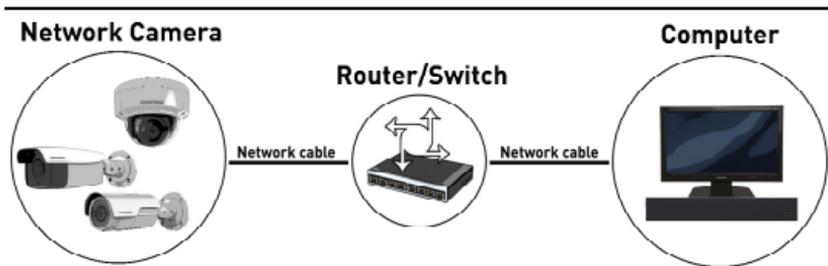


Figure 3-2 Connecting via a Switch or a Router

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 camera.

Activation via Web Browser and Activation via Grundig IP-Finder Tool are supported. We will take activation via Grundig IP-Finder Tool and Activation via Web Browser as examples 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 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 Tool to search the IP address.



The screenshot shows a web-based activation interface titled "Activation". It contains three input fields: "User Name" with the value "admin", "Password" with a masked password and a green progress bar indicating "Strong" strength, and "Confirm" with a masked password. A green checkmark is visible next to the password field. Below the password field, there is a note: "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." An "OK" button is located at the bottom right of the form.

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 Grundig IP-Finder Tool

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

Get the Grundig 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 two activation methods.

Steps:

1. Run the Grundig IP-Finder Tool to search the online devices.
2. Check the device status from the device list and select the inactive device.

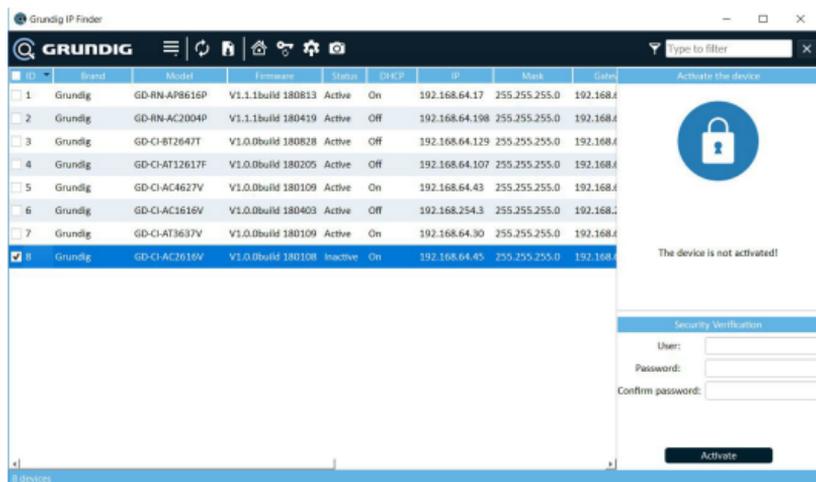


Figure 3-4 Grundig IP-Finder Interface

Note:

The software supports activating the camera in batch. Refer to the user manual of Grundig IP-Finder 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 **Update** 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 Tool to search and change the IP address of the device. We take modifying the IP Address via Grundig IP-Finder as an example to introduce the IP address modification.

Steps:

1. Run the Grundig IP-Finder Tool.
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.

Update network params

DHCP

IP Address:

Mask:

Gateway:

SDK Port:

HTTP Port:

Security Verification

User:

Password:

Figure 3-5 Modify the IP Address

4. Input the admin password and click **Update** 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 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 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.

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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