# Quick Start Guide

**GD-CI-BC2626T**
**GD-CI-BC4627T**
**GD-CI-BC4637T**

EN

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GRUNDIG

## Quick Guide

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## 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

## 1.1 Camera

The overview of the camera is shown below.

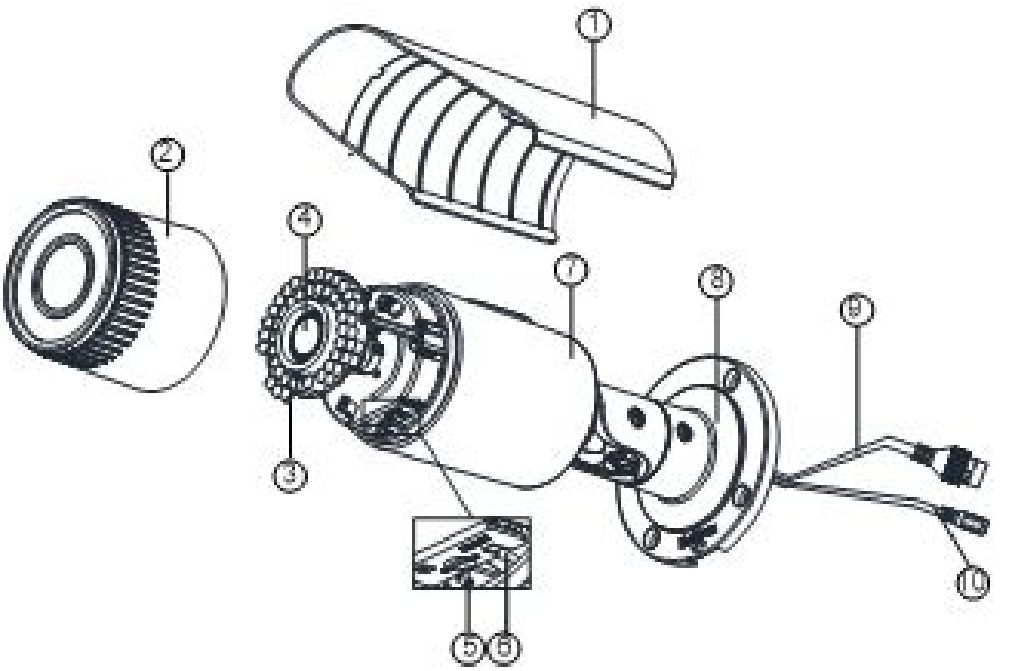


Figure 1-1 Overview of Camera

Table 1-1 Description

| No. | Description |
|---|---|
| 1 | Sun Shield |
| 2 | Front Cover |

| No. | Description |
|---|---|
| 3 | IR LED |
| 4 | Lens |
| 5 | Memory Card Slot |
| 6 | Reset Button |
| 7 | Camera Body |
| 8 | Bracket |
| 9 | Network Cable |
| 10 | Power Cord |

***Note:***

Press RESET about 10s when the camera is powering on or rebooting to restore the default settings, including the user name, password, IP address, port No., etc.

# 2 Installation

## 2.1 Memory Card Installation

This series of cameras support memory card installation.

***Steps:***

1. Rotate the lock screw counterclockwise to loosen it.

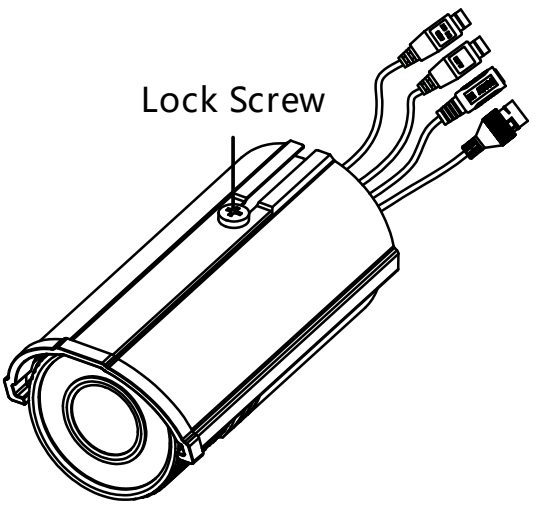


Figure 2-1 Loosen the Lock Screw

2. Remove the sun shield.

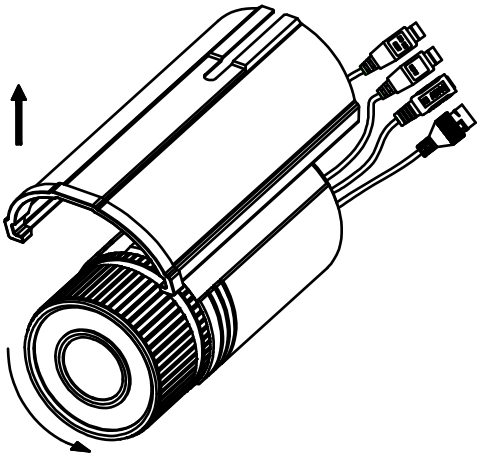

Figure 2-2 Remove the Sun Shield

3. Remove the front cover by rotating it counterclockwise.
4. Insert the memory card into the memory card slot.

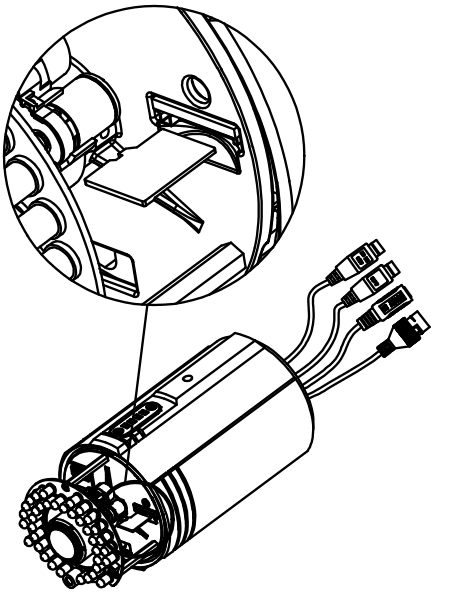

Figure 2-3 Insert the Memory Card

5. Rotate the front cover clockwise back to the camera and install the sun shield back.
6. Tighten the lock screw clockwise to tighten the sun shield.

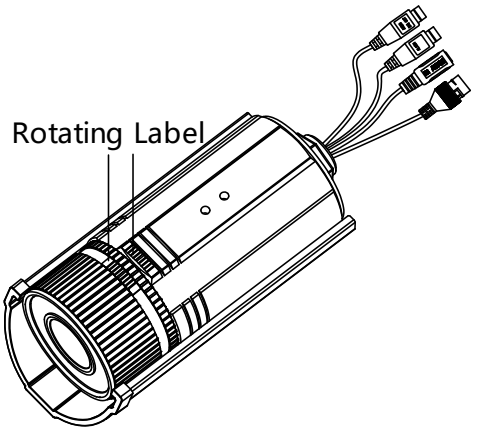


Figure 2-4 Tighten the Front Cover

***Note:***

For water-proof performance, align the rotating label on the front cover with that on the camera when you rotate the front cover clockwise.

## 2.2 Camera Mounting

***Before you start:***

Camera of these types is equipped with a bracket. It can be mounted to a wall or a ceiling directly and can also be mounted with a junction box.

## 2.2.1 Direct Mounting

***Steps:***

1. Attach the drill template (supplied) to the wall or the ceiling where the camera is to be mounted.
2. Drill screw holes in the wall or ceiling according to the hole 1 on the drill template.

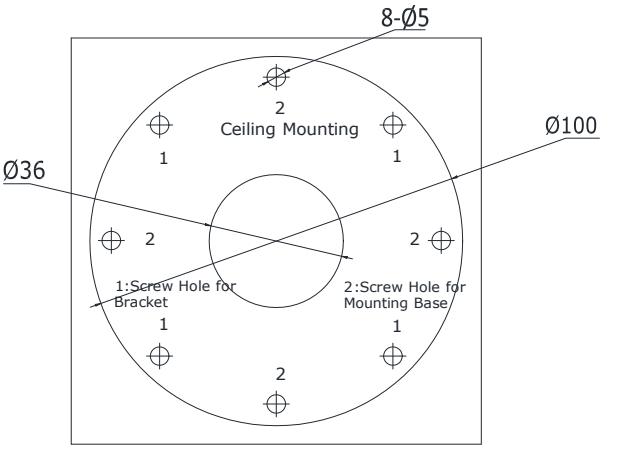


Figure 2-5 Drilling Holes in the Wall/Ceiling

3. If you need to route cables through the wall (or the ceiling), cut a cable hole according to the drill template. Skip this step if you want to route the cables on the surface of the wall (or the ceiling).
4. Route the cables of the camera.
5. Secure the camera to the wall (or the ceiling) with the expansion screws.

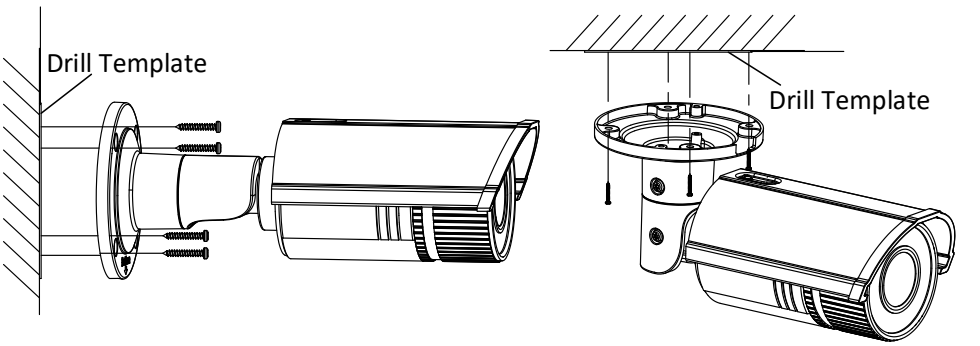


Figure 2-6 Secure the Camera

6. Adjust the view angle.

   3-axis (pan/tilt/rotation) adjusting allows adjustment for optimum camera rotation and placement. Follow the steps below to adjust the view angle.

   **Pan Adjustment**

   ***Steps:***

   1). Loosen the lock screw 1.

   2). Adjust the panning position of the camera. The adjusting range is from 0° to 360°.

   3). Tighten the lock screw 1.

   **Tilt Adjustment**

   ***Steps:***

   1). Loosen the lock screw 2.

   2). Adjust the tilting position of the camera. The adjusting range is from 0° to 100°.

   3). Tighten the lock screw 2.

**Rotation Adjustment**

***Steps:***

1). Loosen the lock screw 3.

2). Rotate the rotation position to adjust the azimuth angle of the image. The adjusting range is from 0° to 360°.

3). Tighten the lock screw 3.

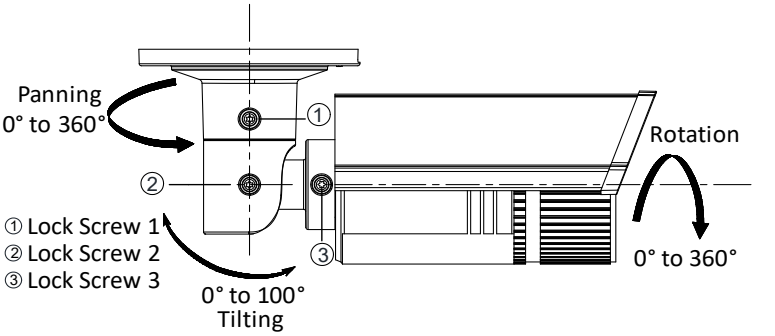


Figure 2-7 View Angle Adjustment

7. Adjust zoom and focus (refer to Section 3 Zoom and Focus Adjustment).
8. (Optional) Install the water-proof jacket for network interface. Refer to Section4
9. Installation of Network Cable Water-proof Jacket (Optional) for detailed installation procedures.

## 2.2.2 Mounting with a Junction Box

***Before you start:***

The junction box is not included in the package. You need to prepare one for this mounting type.

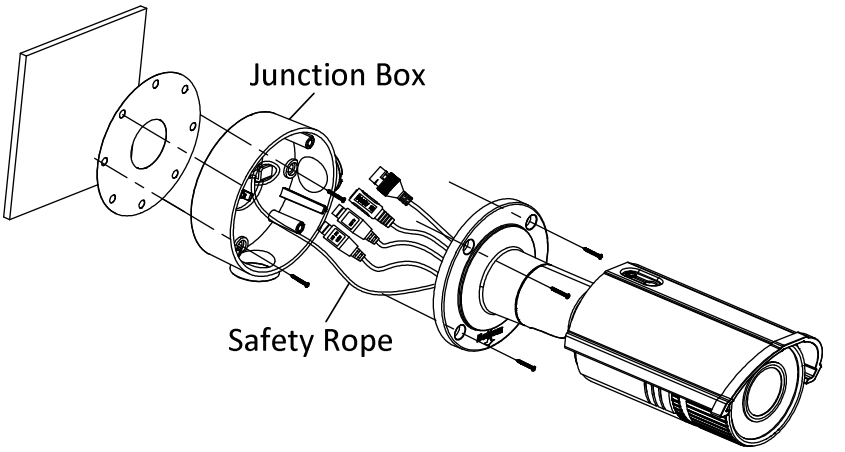


Figure 2-8 Mounting with a Junction Box

***Steps:***

1. Attach the drill template (supplied) to the wall where the camera is to be mounted and drill holes in the wall according to hole 2 on the drill template. See Figure 2.5.
2. If you need to route cables through the wall (or the ceiling), cut a cable hole according to the drill template. Skip this step if you want to route the cables on the surface of the wall (or the ceiling).
3. Secure the junction box to the wall (or the ceiling) with the expansion screws.
4. Hook the camera to the junction box with the safety rope.
5. (Optional) Install the water-proof jacket for network interface. Refer to Section 0
6. Installation of Network Cable Water-proof Jacket (Optional) for detailed installation procedures.

7. Route the cables of the camera. Connect the cables and power on the camera to see if you can get an image on your monitoring screen.

   ***Note:***

   If you can't get the image, check the power and network connection before performing the next step.

8. Secure the camera to the junction box with the screws.
9. Adjust the view angle. Refer to Step 6 in Section 2.2.1 Direct Mounting.
10. Adjust zoom and focus (refer to Section 2.3 Zoom and Focus Adjustment).

## 2.3 Zoom and Focus Adjustment

***Purpose:***

You can use the zoom lever and focus lever to adjust the zoom and focus level. Follow the steps below to adjust focus and zoom. We take type II camera as the example to explain the adjusting steps.

***Steps:***

1. Remove the sun shield and front cover to expose the zoom lever and the focus lever.
2. View the camera image on the monitoring screen.
3. Loosen the zoom lever and move the lever between T (Tele) and W (Wide) to obtain the desired angle of view.
4. Tighten the zoom lever.

5. Loosen the focus lever and move the lever between F (Far) and N (Near) to obtain the optimum focus.
6. Tighten the focus lever.
7. Install the sun shield and the front cover back to the camera.

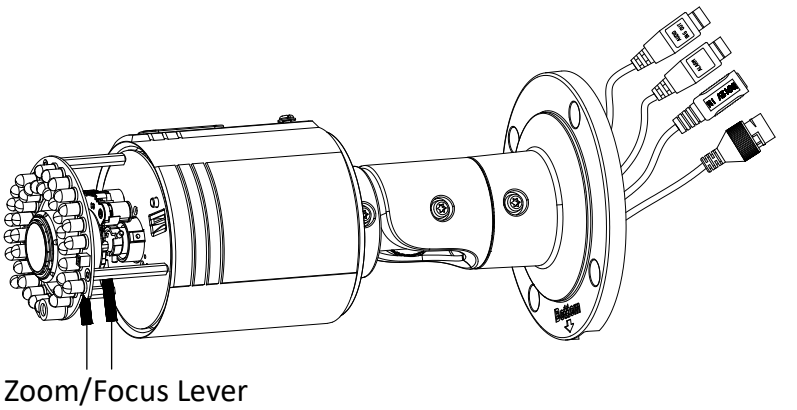


Figure 2-9 Zoom and Focus Adjustment

For cameras which are equipped with a motor-driven lens you can adjust the zoom and focus level on PTZ control panel by visiting the camera via web browser or client software.

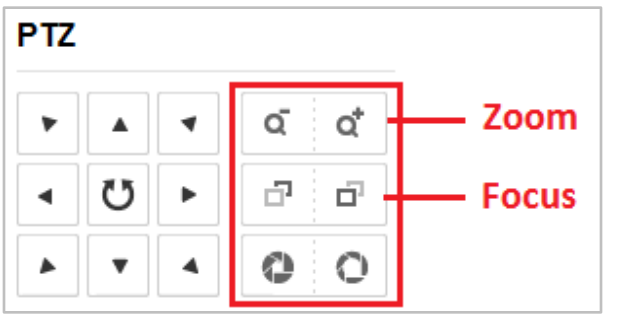


Figure 2-10 Zoom- Focus adjustment via Web Browser

## 2.4 Installation of Network Cable Water-proof Jacket (Optional)

***Purpose:***

If the camera is installed outdoor, you can adopt the water-proof accessory for the network cable after the camera is secured on the installation surface.

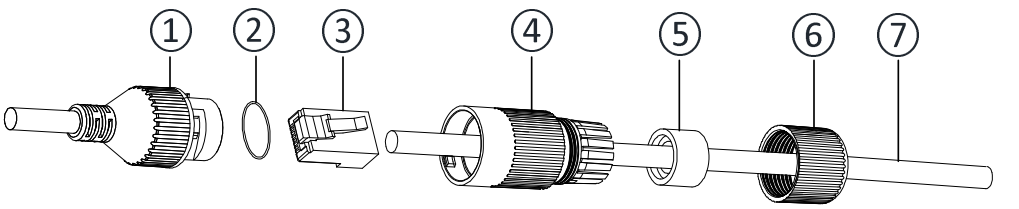


Figure 2-11 Water-proof Accessory Components

Table 2-1 Components

| No. | Components |
|---|---|
| 1 | Network Interface Socket |
| 2 | O-Type Gasket |
| 3 | Network Plug |
| 4 | Waterproof Endcap |
| 5 | Waterproof Rubber Gasket |
| 6 | Lock Nut |
| 7 | Network Cable from Router/Switch |

***Steps:***

1) Feed the plugless network cable ⑦ through the lock nut ⑥, waterproof rubber gasket ⑤ (the rubber gasket inset ridge must face the waterproof endcap), and the waterproof endcap ④ in order.
2) Crimp an RJ-45 network plug ③onto the end of the cable, taking care to insert the twisted pairs of wires in correct order.
3) Place the O-type gasket ② onto the end of the camera's network interface socket ①.
4) Insert the network plug ③ into the camera's network interface socket①.
5) Insert the waterproof rubber gasket ⑤ into the waterproof endcap ④, and secure lock nut ⑥ with the waterproof endcap ④.
6) Align the snap on the waterproof endcap ④ with the notch on the camera's network interface socket ①**,** and then secure the waterproof endcap ④ to the camera's network interface socket ① to finish installation.

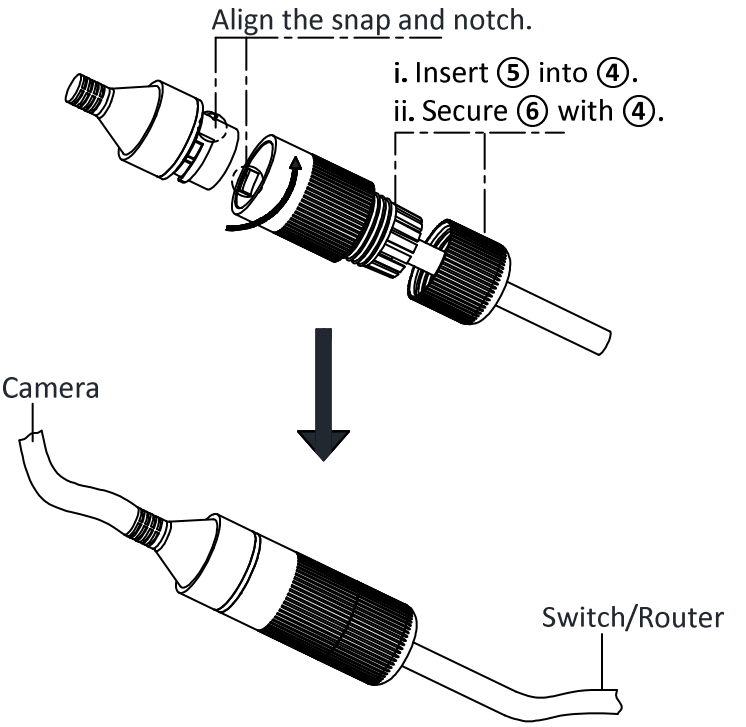


Figure 2-12 Water-proof Accessory Installation

# 3 Setting the IP- 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.

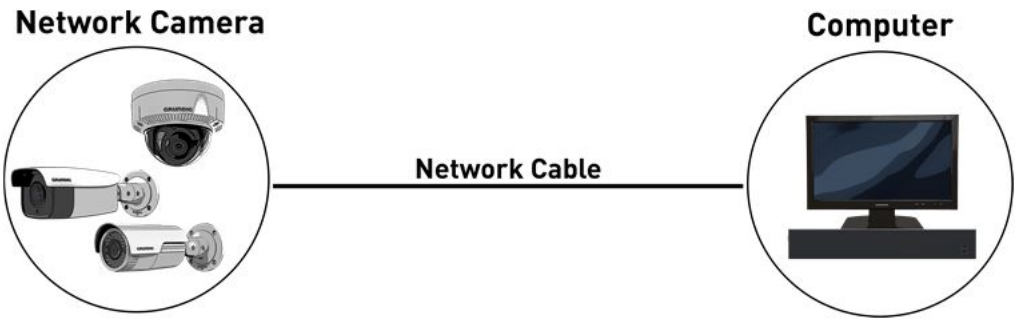


Figure 3-1 Connecting Directly

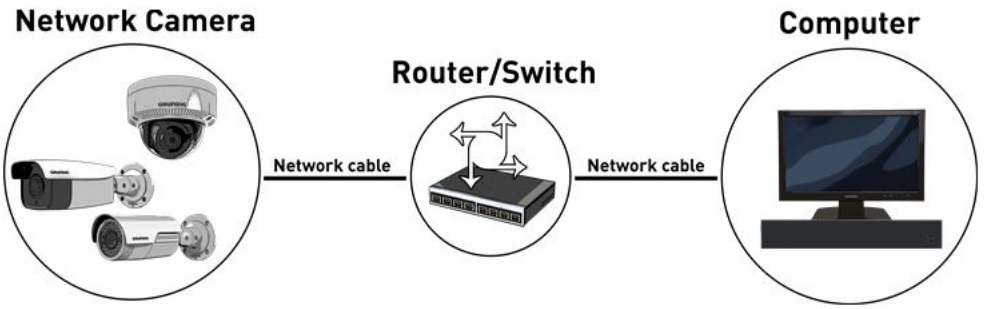


Figure 3-2 Connecting via a Switch or a Router

## 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, 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.

### 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.

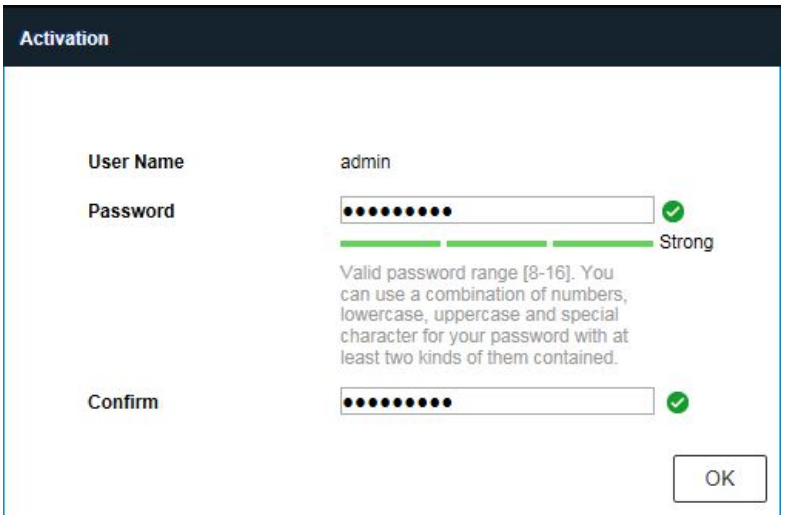


Figure 3-3 Activation Interface(Web)

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.

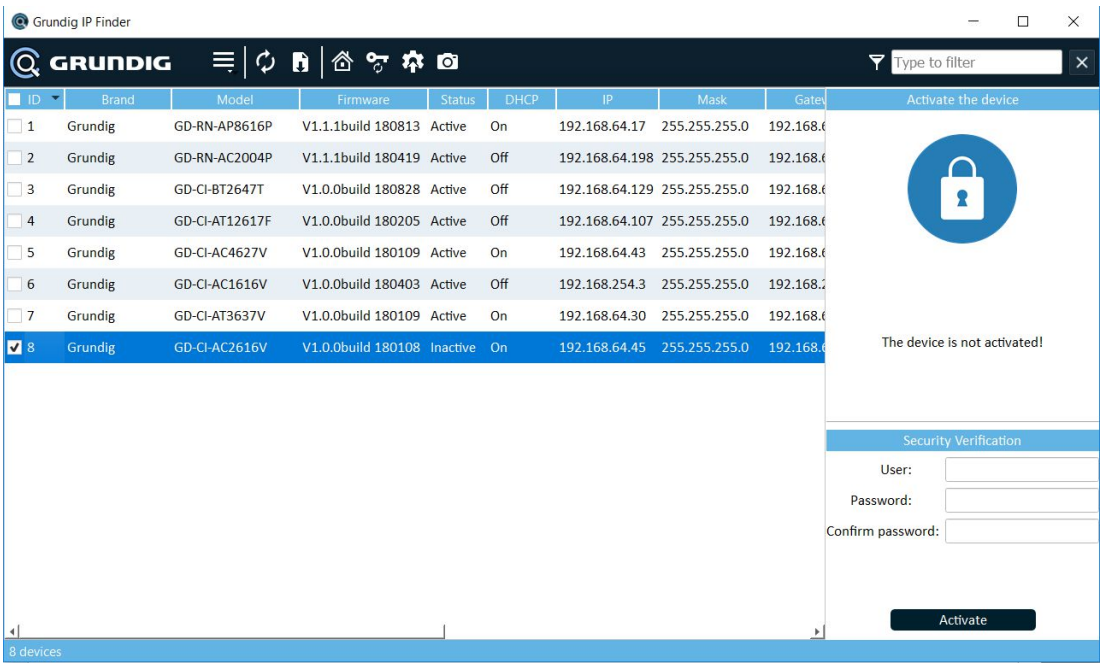


Figure 3-4 Grundig IP-Finder Interface

***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.

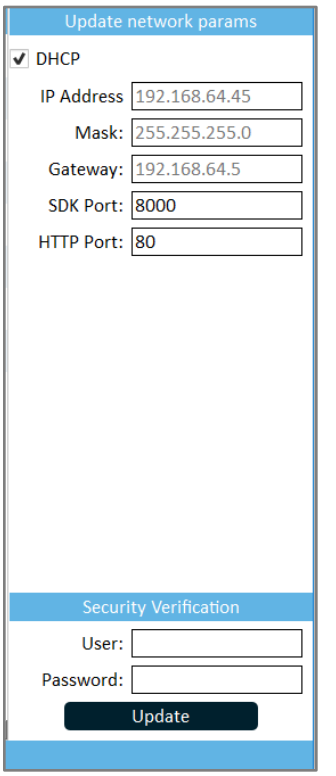


Figure 3-5 Modify the IP Address

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 and above version, Apple Safari 16 and above version, Mozilla Firefox 52.0 and above version and Google Chrome 57.0 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**.

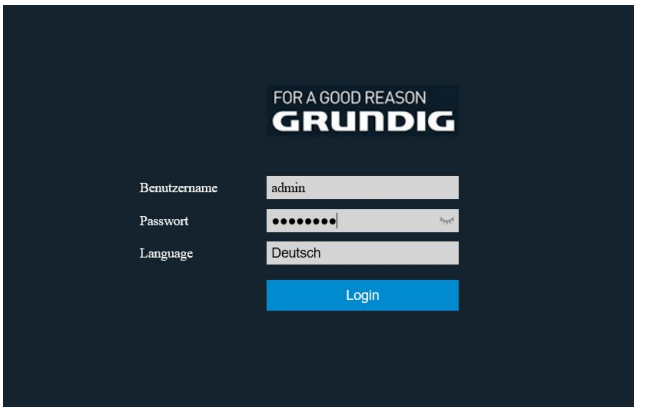


Figure 4-1 Login Interface

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.

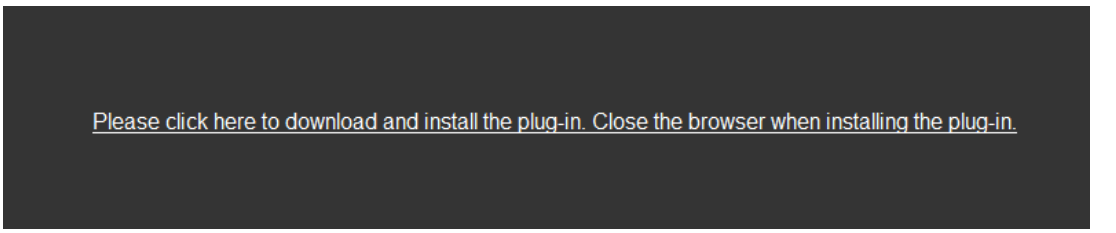


Figure 4-2 Download Plug-in

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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