

Network Fisheye Camera

Quick Guide



FOR A GOOD REASON
GRUNDIG

GD-CI-AP5617F

Quick Guide

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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

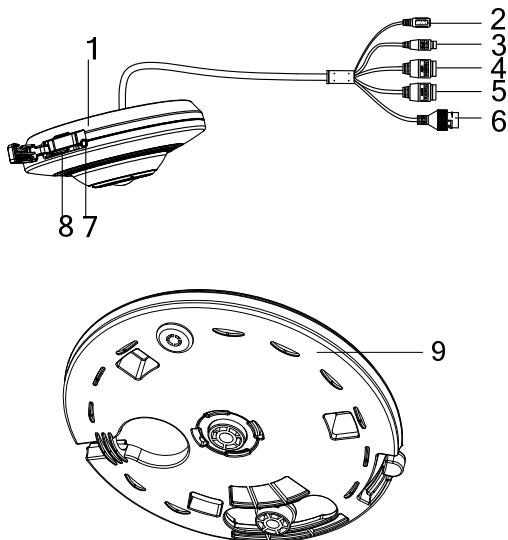


Figure 1-1 Overview of the Fisheye Camera

Table 1-1 Description of Overview

| No. | Description |
|-----|--|
| 1 | Camera Body |
| 2 | Power Interface |
| 3 | RS-485 Interface |
| 4 | Audio Interfaces: Audio In / Audio Out |
| 5 | Alarm Interfaces: Alarm In / Alarm Out |
| 6 | Ethernet Interface |
| 7 | Reset Button |
| 8 | Memory Card Slot |
| 9 | Base Plate |

Notes:

- The figures shown in this manual are for reference only. The appearance and interfaces of the camera are subject to the actual model.
- 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 Installing the Memory Card

Steps:

1. Move the Memory Card/Reset Cover aside, and you can see the reset button and the memory card slot.
2. Insert the memory card into the memory card slot.
3. Re-cover the reset button and memory card slot.

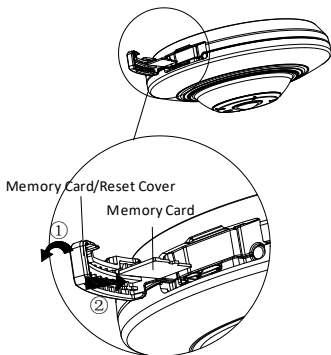


Figure 2-1 Install the Memory Card

2.2 Ceiling Mounting

Steps:

1. Drill two screw holes and the cable hole according to the supplied drill template.

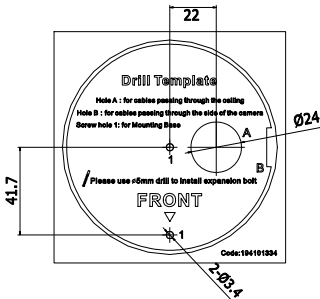


Figure 2-2 Drill Template

2. Align the screw holes and cable hole on the drill template and the base plate, and then fix the base plate to the ceiling with the two supplied screws.

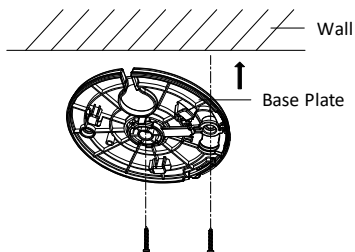


Figure 2-3 Fix the Base Plate

Notes:

- For cement wall, you need to use the expansion screw to fix the mount.
 - For wooden wall, you can just use the self-tapping screw to fix the mount.
3. Route the cables through the cable hole or the side opening according to the actual needs, and connect the corresponding cables including power cable, network cable, audio and alarm cables, etc.
 4. Align the triangle mark on the camera and base plate, and then rotate the camera clockwise until it is locked up by the three bayonet joints on the base plate.

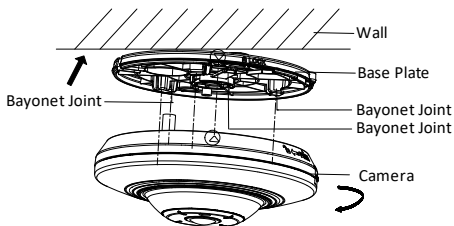


Figure 2-4 Install the Camera

5. To disassemble the camera: Press the **Push** button on the base plate, rotate the camera anticlockwise, and then you can remove the camera from the base plate.

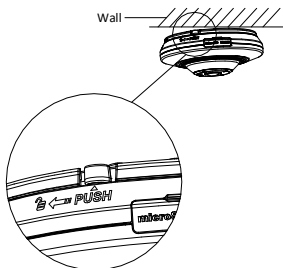


Figure 2-5 Disassemble the Camera

-
6. To adjust the view angle: Rotate the camera body clockwise or anticlockwise with the base plate, and then you can adjust the camera to the desired view angle.

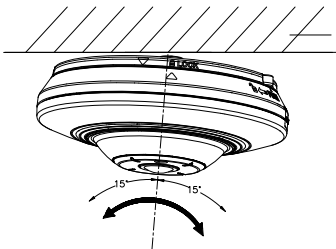


Figure 2-6 Adjust View Angle

2.3 Wall Mounting with a Slant Mounting Base

Before you start:

The wall mounting with a slant mounting base provides a wider surveillance view compared to the wall mounting.

You need to purchase a slant mounting base separately if this mounting method is selected.

Steps:

1. Drill two screw holes and the cable hole according to the supplied drill template B.

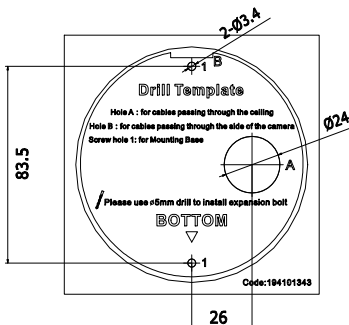


Figure 2-7 Drill Template

2. Fix the slant mounting base to the wall with the screws.

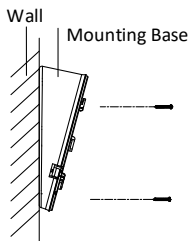


Figure 2-8 Fix the Slant Mounting Base

-
3. Align the screw holes on the slant mounting base and the base plate, and then secure the base plate on the slant mounting base with the two supplied screws.
 4. Route the cables through the cable hole or the side opening according to the actual needs, and connect the corresponding cables including power cable, network cable, audio and alarm cables, etc.
 5. Align the triangle mark on the camera and mounting base, and then rotate the camera clockwise until it is locked up.

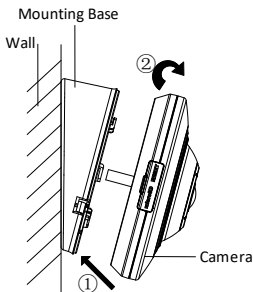


Figure 2-9 Fix the Camera

6. The installation is complete.

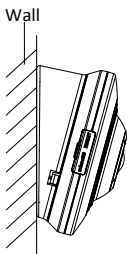


Figure 2-10 Complete the Installation

7. To disassemble the camera: Press the **Push** button on the base plate, rotate the camera anticlockwise, and then you can remove the camera from the base plate.

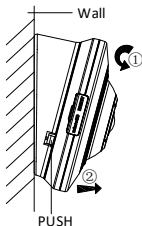


Figure 2-11 Disassemble the Camera

2.4 Wall Mounting with a Bracket

Before you start:

You need to purchase the bracket separately if this mounting method is selected.

Steps:

1. Unfasten and remove the screw marked in the figure, and then disassemble the bracket.

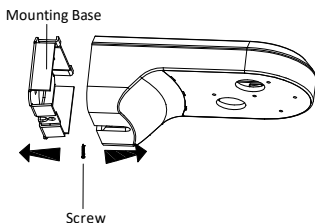


Figure 2-12 Disassemble the Bracket

2. Align the screw holes on the bracket and the base plate, and then secure the base plate on the bracket with the two supplied screws.

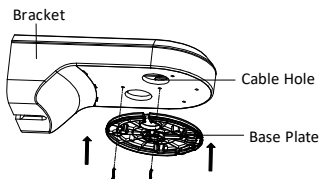


Figure 2-13 Secure the Base Plate

3. Route the cables through the cable hole according to the actual needs, and connect the corresponding cables including power cable, network cable, audio and alarm cables, etc.
4. Align the triangle mark on the camera and base plate, and then rotate the camera clockwise until it is locked up by the three bayonet joints on the base plate.

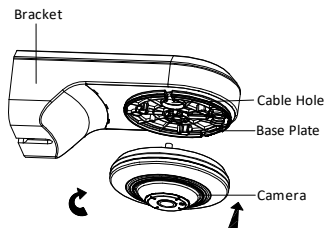


Figure 2-14 Fix the Camera

-
5. Fix the mounting base to the wall with the screws.

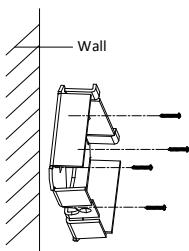


Figure 2-15 Fix the Mounting Base

6. Re-install the main body of the bracket to the mounting base, and fix it with the screw.

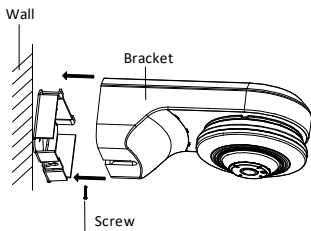


Figure 2-16 Re-install the Bracket

-
7. To disassemble the camera, refer to the *Step 5 in Section 2.1*.
 8. To adjust the view angle, refer to the *Step 6 in Section 2.1*.

2.5 Pendant Mounting with a Bracket

Before you start:

You have to purchase the bracket separately if this mounting method is selected.

Steps:

1. Fix the pendant bracket to the wall with the supplied screws.

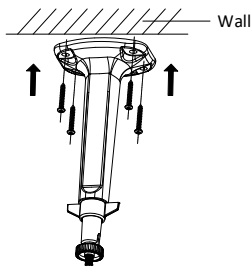


Figure 2-17 Fix the Bracket

2. Aim the screwed hole on the camera at the top of the pendant bracket, and then rotate the camera until it is secured tightly.

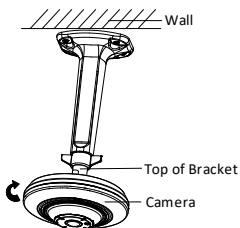


Figure 2-18 Secure the Camera

3. Loosen the knob on the bracket and adjust the camera body to get the desired surveillance angle. Tighten the knob on bracket to secure the camera.

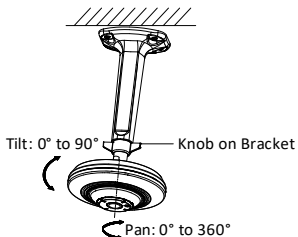


Figure 2-19 Adjust the Angle

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.

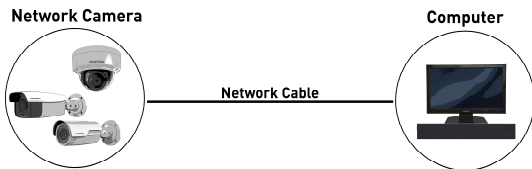
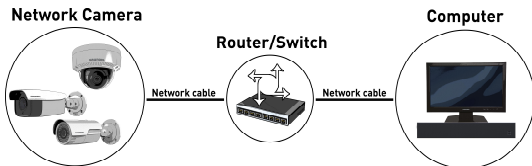


Figure 3-1 Connecting Directly



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 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.

Activation

User Name admin

Password

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.

Confirm

OK

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.

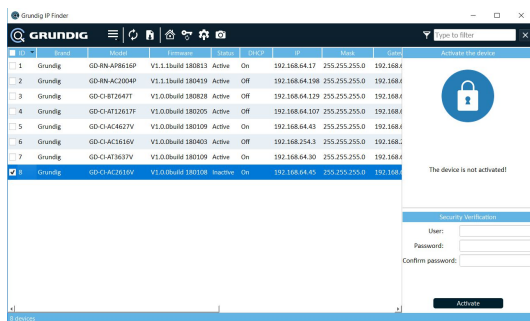


Figure 3-4 Grundig IP-Finder Interface

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 **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 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: 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 3-5 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 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**.

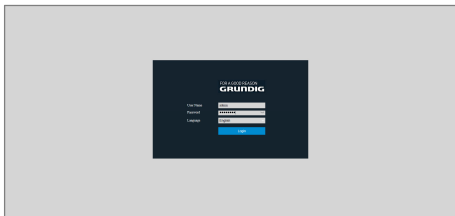


Figure 4-1 Login Interface

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.

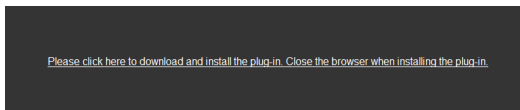


Figure 4-2 Download Plug-in

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.

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