

LINOVISION

Network PTZ Camera IPC574-PTZ **Quick Start Guide**

1 Overview

1.1 Introduction

The network PTZ camera has the following series:

- IPC574-PTZ PTZ Camera
Integrated with an optical zoom lens, this series of cameras feature in the PTZ limits, 3D positioning, Day/Night auto switch, 3D DNR, etc., and are widely applied in various kinds of environments.

1.2 Cable Descriptions

The cable interfaces of network PTZ camera are shown in [Figure 1-1](#). The cables are distinguished by different colors. Refer to the labels attached on the cables for identification.

Notes:

- The cables vary depending on different camera models.
- Make sure the camera is power-off before you connect the cables.

Network PTZ Camera ■ Quick Start Guide

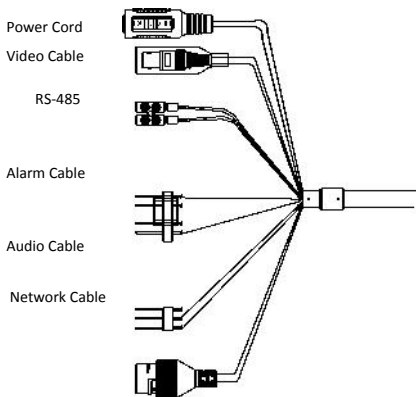


Figure 1-1 Cables of PTZ Camera

- Power Cord: Supports 12 VDC power supply.
- Video Cable: Connect BNC Cable to test the video output.
- Alarm Cable: Connect terminal ALARM-IN with GND interface, and connect terminal ALARM-OUT with ALARM-COM interface.
- Audio Cable: Connect terminal AUDIO-IN with GND interface.
- Network Cable: Connect the network interface with network cable.

1.3 Alarm Output

Alarm output is shown in [Figure 1-2](#).

Network PTZ Camera ■ Quick Start Guide

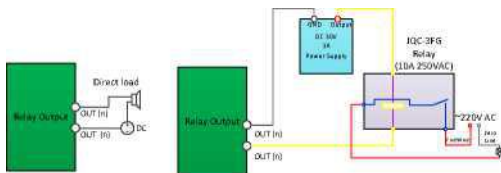


Figure 1-2 Alarm Output

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

2.1 Installing the Memory Card

You can install the memory card for local storage.

2.1.1 IPC574-PTZ PTZ Camera

Steps:

1. Open the cover with the straight screwdriver from a crack on the cover, as shown in [Figure 2-1](#).

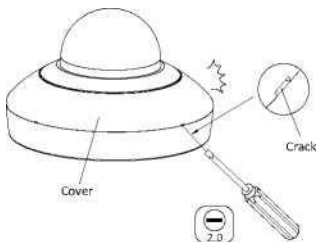


Figure 2-1 Open the Cover

2. Unscrew the screws on the camera base with the cross screwdriver, and remove the bubble, as shown in [Figure 2-2](#).

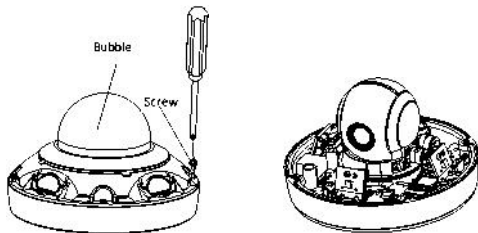


Figure 2-2 Remove the Bubble

3. Open the memory card slot in the camera, and insert the memory card.
4. Align the bubble with the camera base, and install the bubble back. Fix the bubble with four screws, as shown in [Figure 2-3](#).

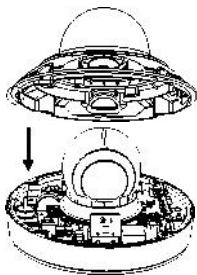


Figure 2-3 Install the Bubble

5. Align the cover with the camera, and install the cover back, as shown in [Figure 2-4](#).

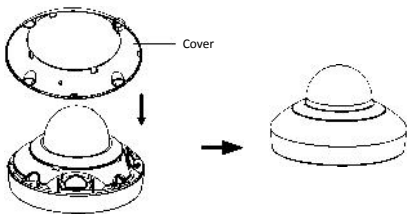


Figure 2-4 Install the Cover

Network PTZ Camera ■ Quick Start Guide

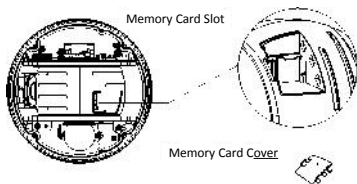


Figure 2-12 For 4x Camera Module

4. Close the memory card cover. Fix the four flange screws and push four silicone plugs back to assemble the PTZ camera.

2.2 Installing IPC574-PTZ PTZ Camera

IPC574-PTZ PTZ camera supports wall mounting, ceiling mounting, and installing with junction box. IPC574-PTZ PTZ camera supports wall mounting and ceiling mounting.

2.2.1 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.

Network PTZ Camera ■ Quick Start Guide

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 PTZ camera and its accessories.

Steps:

1. Rotate the base plate counterclockwise to separate it from the PTZ camera.

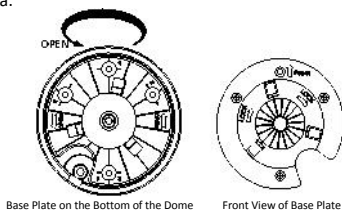


Figure 2-21 Base Plate for IPC574-PTZ PTZ Camera

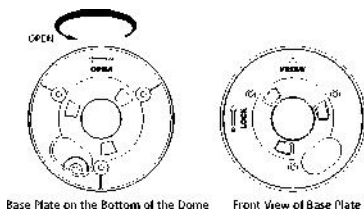


Figure 2-22 Base Plate for IPC574-PTZ PTZ Camera

Network PTZ Camera ■ Quick Start Guide

2. Align the cable hole on the base plate with the hole on the bracket for wiring. And install the base plate to the bracket by fixing three PM4X1Q screws (supplied) to the holes marked with digit "2" on the bracket.

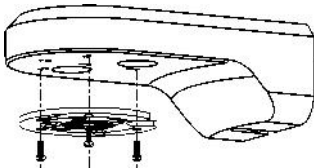


Figure 2-23 For IPC574-PTZ PTZ Camera

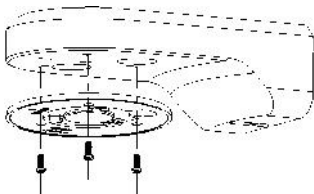


Figure 2-24 For IPC574-PTZ PTZ Camera

3. Route the cables through the cable hole.
4. Align the PTZ camera with the base plate. Rotate the PTZ camera clockwise to the base plate, and the PTZ camera is secured with the base plate by three locks on the plate.



Figure 2-25 Secure IPC574-PTZ PTZ Camera

5. Secure the mounting base to the wall with four PA4X25 screws (supplied).

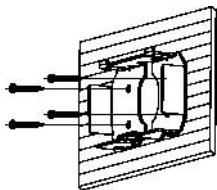


Figure 2-27 Install the Mounting Base

6. Install the PTZ camera to the bracket.

- 1) . Route the cables of the PTZ camera through the wall bracket.
- 2) . Connect the corresponding cables.
- 3) . Hang the bracket together with the PTZ camera on the mounting base.

4). Fix the mounting base with a PM4X10 screw.

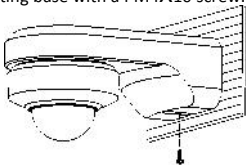


Figure 2-28 Secure the Mounting Base

2.2.2 Ceiling Mounting

Purpose:

There are two ceiling mounting types provided for the camera, and we take the mounting without the junction box as the example.

Notes:

- The ceiling mounting is applicable to the indoor/outdoor solid ceiling construction. The followings are the mandatory precondition for ceiling mounting:
- The thickness of the ceiling shall range from 5 mm to 40 mm.
- Make sure the ceiling is strong enough to withstand more than four times the weight of the PTZ camera and its accessories.

Wiring

The cables of PTZ camera can be routed either from the top or the side of the back box, as shown in [Figure 2-29](#)

For the cables routed from the top of the back box, it is required to drill a cable hole in the ceiling.

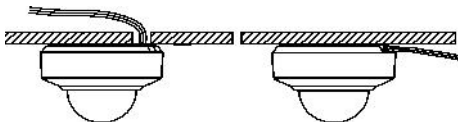


Figure 2-29 Cabling for IPC574-PTZ PTZ Camera

Ceiling Mounting without Junction Box

Steps:

1. Rotate the base plate counterclockwise to separate it from the PTZ camera, as shown in [Figure 2-21](#) and [Figure 2-22](#).
2. Attach the drill template (supplied) to the place where you want to fix the PTZ camera, and make sure the front arrow appoints to the monitoring area.

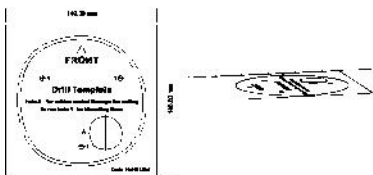


Figure 2-31 Attach the Drill Template

3. Drill a cable hole in the ceiling according to the circle A on the template if you want to route the cables through the ceiling. Pull out the cable slot cover if you want to route the cables on the surface of the ceiling, as shown in [Figure 2-32](#).

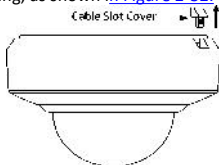


Figure 2-32 For IPC574-PTZ PTZ Camera

4. Attach the base plate to the ceiling and secure it with the supplied three self-tapping screws by aligning with three screw holes in the ceiling, and the front arrows on the drill template and base plate should be aligned together as well, as shown in [Figure 2-34](#) and [Figure 2-35](#).

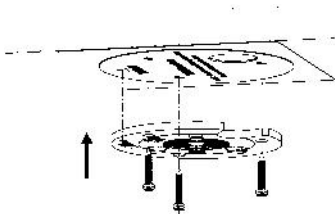


Figure 2-34 For IPC574-PTZ PTZ Camera

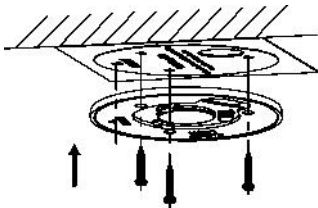


Figure 2-35 For IPC574-PTZ PTZ Camera

5. Route the cables through the cable hole.
6. Align the PTZ camera with the base plate. Rotate the PTZ camera clockwise into the base plate, and the PTZ camera is secured with the base plate by three locks on the plate.

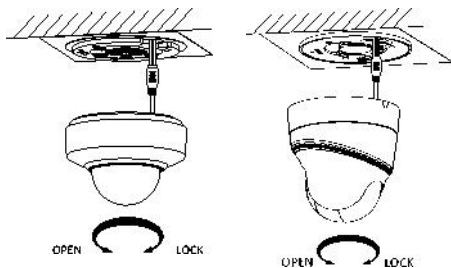


Figure 2-36 Secure the PTZ Camera

2.2.3 Installing with Junction Box

Notes:

- The thickness of the ceiling shall range from 5 mm to 40 mm.
- Make sure the ceiling is strong enough to withstand more than four times the weight of the PTZ camera and its accessories.

Steps:

1. Rotate the base plate counterclockwise to separate it from the PTZ camera.

Notes:

- The base plate is not required when you install the PTZ camera with junction box. Keep it properly.
- The junction box is the optional accessory. Get it prepared before installation.

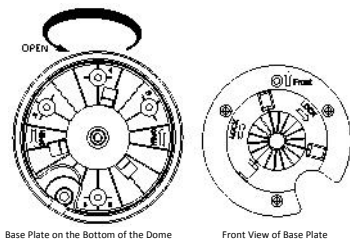


Figure 2-37 For IPC574-PTZ PTZ Camera

2. Attach the drill template (supplied) to the place where you want to fix the PTZ camera, and make sure the front arrow appoints to the monitoring area.
3. Insert two PM4X1Q screws into the ceiling, as shown in [Figure 2-39](#).

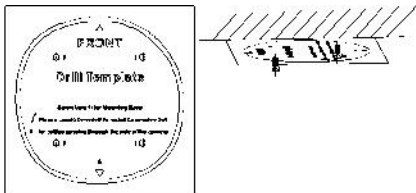


Figure 2-39 Attach the Drill Template

4. Attach the junction box to the ceiling and secure it by aligning the holes with two screws and rotating the junction box according to the direction as shown in [Figure 2-40](#). Make sure the front arrows

Network PTZ Camera ■ Quick Start Guide

on the drill template and junction box should be aligned together as well.

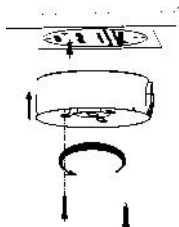
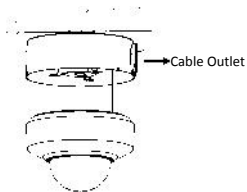


Figure 2-40 Fix the Junction Box

5. Connect the cables and route the cables clockwise through the hooks and fix the camera and the junction box with three hooks. Tighten it clockwise and loosen it anticlockwise.



LOCK

Figure 2-41 Fix the Camera

6. Secure the PTZ camera and remove the protective film.

3 Setting the PTZ Camera over the LAN

Notes:

- 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, strengthen your own protection. If the product does not work properly, contact with your dealer or the nearest service center.
- To ensure network security of the network PTZ camera, we recommend you to have the camera assessed and maintained termly. You can contact us if you need such service.

3.1 Wiring

To view and configure the network PTZ camera via LAN (Local Area Network), you need to connect the network PTZ camera in the same subnet with your PC. Then, install the SADP or client software to search and change the IP address of network PTZ camera.

Connect the camera to network according to the following figures.

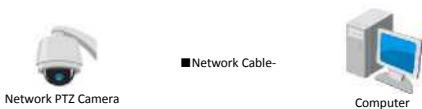


Figure 3-1 Connecting Directly

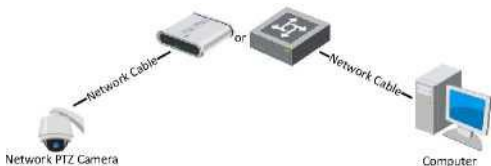


Figure 3-2 Connecting via a Switch or a Router

3.2 Activating the Camera

Purpose:

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 SADP, and activation via client software are supported. We will take activation via SADP software and activation via web browser as examples to introduce the camera activation.

Note:

For the details of activation via client software, refer to the user manual of the network camera.

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 enter the activation interface.

Network PTZ Camera ■ Quick Start Guide

Notes:

- The default IP address of the camera is 192.168.1.64.
- The computer and the camera should belong to the same subnet.
- For the camera enables the DHCP by default, you need to use the SADP 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 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 camera and enter the live view interface.

3.2.2 Activation via SADP Software

SADP software is used for detecting the online device, activating the device, and resetting the password.

Get the SADP software from the supplied disk or the official website, and install the SADP according to the prompts.

Follow the steps to activate the camera.

Steps:

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

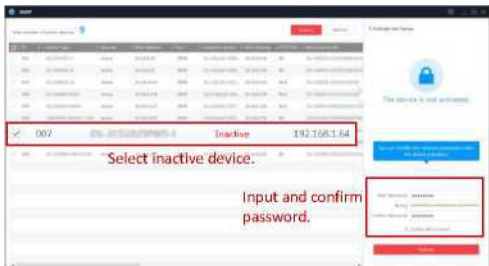


Figure 3-4 SADP Interface

Note:

The SADP software supports activating the camera in batch. Refer to the user manual of SADP software for details.

3. Create a password and input the password in the password field, and confirm the password.

A 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.

Note:

You can enable the Hik-Connect service for the device during activation. Refer to section [5.1 Enable Hik-Connect Service on Camera](#).

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

Note:

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.

Network PTZ Camera ■ Quick Start Guide

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

Note:

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

Steps:

1. Run the SADP software.
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 **Enable DHCP** checkbox.

Modify Network Parameters

Enable DHCP

Enable Hik-Connect

Device Serial No.:

IP Address:

Port:

Subnet Mask:

Gateway:

IPv6 Address:

IPv6 Gateway:

IPv6 Prefix Length:

HTTP Port:

Security Verification

Admin Password:

Modify

[Forgot Password](#)

Figure 3-5 Modify the IP Address

Note:

You can enable the Hik-Connect service for the device during activation. Refer to section [5.1 Enable Hik-Connect Service on Camera](#).

4. Input the admin password and click **Modify** to activate your IP address modification. The batch IP address modification is supported by SADP. Refer to the user manual of SADP 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 x 768 resolution or higher

Web Browser: Internet Explorer 8.0 and above version, Apple Safari 5.02 and above version, Mozilla Firefox 5 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 PTZ camera, and enter the login interface.

Note:

The default IP address is 192.168.1.64. 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 PTZ camera. 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 the above steps 2-4 to login.

Network PTZ Camera ■ Quick Start Guide

Note:

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

5 Operating via Hik-Connect App

Purpose:

Hik-Connect is an application for mobile devices. With the App, you can view live image of the camera, receive alarm notification and so on.

Note:

Hik-Connect service is not supported by certain camera models.

5.1 Enable Hik-Connect Service on Camera

Purpose:

Hik-Connect service should be enabled on your camera before using the service.

You can enable the service through SADP software or web browser.

5.1.1 Enable Hik-Connect Service via SADP Software

Steps:

1. Check the **Enable Hik-Connect** checkbox on:
 - 1) . "Activate the Device" page during camera activation, refer to section [3.2.2 Activation via SADP Software](#).
 - 2) . Or "Modify Network Parameters" page during modifying IP address, refer to section [3.3 Modifying the IP Address](#).
2. Create a verification code or change the verification code.

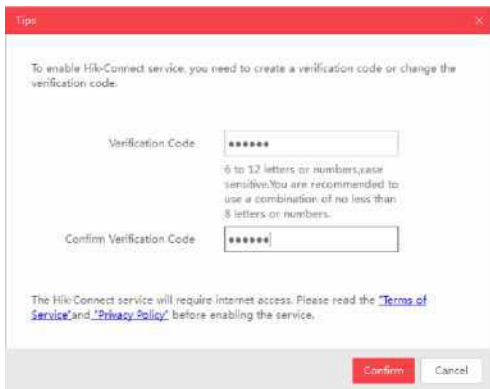


Figure 5-1 Verification Code Setting (SADP)

Note:

The verification code is required when you add the camera to Hik-Connect app.

3. Click and read "Terms of Service" and "Privacy Policy".
4. Confirm the settings.

5.1.2 Enable Hik-Connect Service via Web Browser

Before you start:

You need to activate the camera before enabling the service. Refer to section [3.2 Activating the Camera](#).

Steps:

1. Access the camera via web browser. Refer to section [4 Accessing via Web Browser](#).

2. Enter platform access configuration interface:

Configuration > Network > Advanced Settings > Platform Access

Enable

Platform Access Mode: Hik-Connect

Server IP: dav.hik-connect.com Custom

Register Status: Offline

Verification Code: ●●●●●●

6 to 12 letters (a to z, A to Z) or numbers (0 to 9), case sensitive. You are recommended to use

Figure 5-2 Platform Access Configuration (Web)

3. Select Platform Access Mode as Hik-Connect.
4. Check the **Enable** checkbox.
5. Click and read "Terms of Service" and "Privacy Policy" in pop-up window.
6. Create a verification code or change the verification code for the camera.

Note:

The verification code is required when you add the camera to Hik-Connect app.

7. Save the settings.

5.2 Hik-Connect Setup

Steps:

1. Download and install the Hik-Connect app by searching "Hik-Connect" in App Store or Google Play™.
2. Launch the app and register for a Hik-Connect user account.
3. Log in Hik-Connect app after registration.

5.3 Adding Camera to Hik-Connect

Before you start:

You need to enable the Hik-Connect service on camera before adding it to your Hik-Connect account. Refer to section [5.1 Enable Hik-Connect Service on Camera](#).

Steps:

1. Use a network cable to connect the camera with a router if the camera does not support Wi-Fi.



Figure 5-3 Connect a Router

Note:

- After the camera connects to the network, wait one minute before any operation on the camera using Hik-Connect app.
2. In the Hik-Connect app, tap on the upper-right corner and then scan the QR code of the camera to add the camera.

You can find the QR code on the camera or on the cover of the quick start guide of the camera in the package.

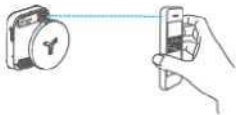



Figure 5-4 Scan QR Code

Note:

If the QR code is missing or too blur to be recognized, you can also add the camera by tapping the  icon and inputting the camera's serial number.

3. Input the verification code of your camera.

Notes:

- The required verification code is the code you create or change when you enabling Hik-Connect service on camera.
- If you forget the verification code, you can check the current verification code on **Platform Access** configuration page via web browser.

4. Follow the prompts to set the network connection and add the camera to your Hik-Connect account.

Note:

For detailed information, refer to the user manual of the Hik-Connect app.

5.4 Initializing the Memory Card

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.