



INTERNEC 

SECURITY SOLUTIONS

Network Camera

Quick Operation Guide



Thank you for purchasing our product. If there are any questions, or requests, please do not hesitate to contact the dealer. This manual applies to **I7-C5313, I7-C5320** cameras.

This manual may contain several technical incorrect places or printing errors, and the content is subject to change without notice. The updates will be added to the new version of this manual. We will readily improve or update the products or procedures described in the manual.

DISCLAIMER STATEMENT

“Underwriters Laboratories Inc. (“UL”) has not tested the performance or reliability of the security or signaling aspects of this product. UL has only tested for fire, shock or casualty hazards as outlined in UL’s Standard(s) for Safety, UL60950-1. UL Certification does not cover the performance or reliability of the security or signaling aspects of this product. UL MAKES NO REPRESENTATIONS, WARRANTIES OR CERTIFICATIONS WHATSOEVER REGARDING THE PERFORMANCE OR RELIABILITY OF ANY SECURITY OR SIGNALING RELATED FUNCTIONS OF THIS PRODUCT.

Regulatory Information

FCC Information

FCC compliance: This equipment has been tested and found to comply with the limits for a digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

FCC Conditions

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation

EU Conformity Statement



This product and - if applicable - the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized

European standards listed under the Low Voltage Directive 2006/95/EC, the EMC Directive 2004/108/EC.



2002/96/EC (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.

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1 Physical Description of Camera

1.1 Camera Description

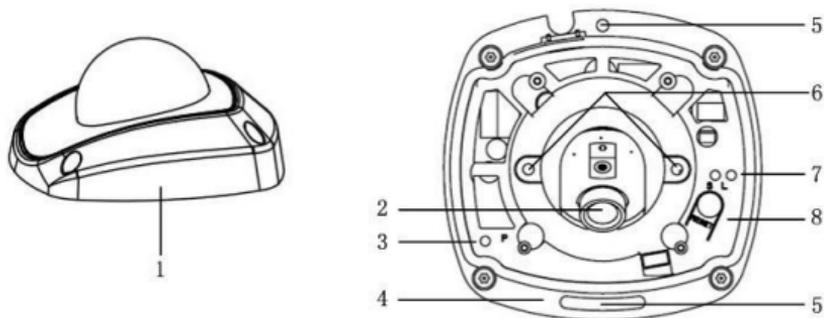


Figure 1-1 Overview

Table 1-1 Physical Description

No.	Description
1	Cover
2	Lens
3	P: Power LED indicator, It turns solid red when power is applied to the unit.

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4	Base plate
5	Set screw hole
6	Set screw of lens
7	S & L: Network status LED indicator. When the network is connected, the "S" LED is solid yellow, while the "L" LED flashes orange.
8	RESET: Reset the camera.

Note:

After the powering on of the camera, pressing and holding the RESET button for about 10 seconds can reset all the parameters to the default settings.

1.2 Camera Connection

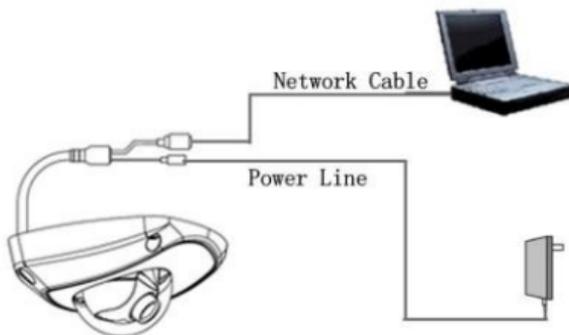


Figure 1-2 Camera Connections

2 Installation

Note:

- Read the following contents carefully before the installation.
- Make sure that all the related equipment is power-off during the installation.
- Check whether the power supply is matched with your AC outlet to avoid any damage.
- Do not place the camera in extremely hot or damp environment. To avoid heat accumulation, good ventilation is required for a proper operating environment.
- If the product does not function properly, please contact your dealer or the nearest service center. Do not disassemble the camera for repair or maintenance by yourself.

Ceiling mounting is recommended for this camera.

Note:

If required, you can use a plier to remove the clip (marked in dotted line in Figure 2-1) on the side of the back box and then route cables through the opening to secure the cables on the ceiling.

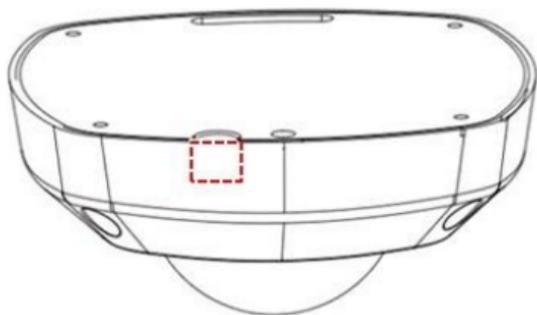


Figure 2-1 Side Clip

Steps:

2. Loosen the set screws with a hex key (supplied) to remove the cover.

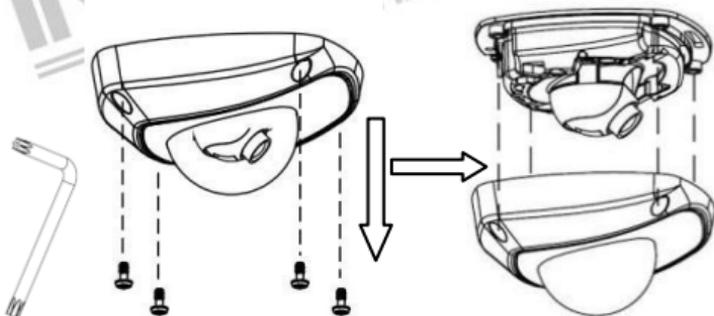


Figure 2-2 Remove the Cover

3. Use the screws to fix the base plate on the ceiling.

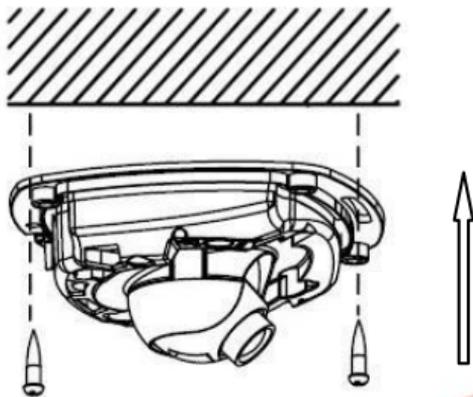


Figure 2-3 Fix the Bottom Board

4. View the video image of the camera over the network.
5. Loosen the lens set screws.

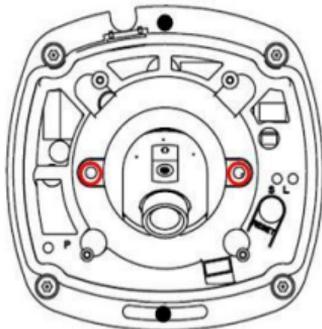


Figure 2-4 Loosen the Lens Set Screws

6. Insert the hex key into the hole marked in the picture and rotate the hex key to adjust the panning position and tilting position until getting the desired surveillance angle. Tighten the set screws.

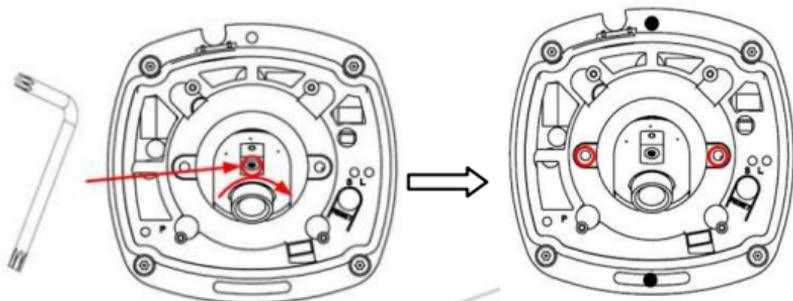


Figure 2-5 Panning and Tilting

Notes:

- As the lens of camera has already been factory adjusted to the best imaging effect, you just need to adjust the panning position and tilting position to get the desired surveillance angle.
 - Reinstall the cover before viewing the image of the camera for you may get an unclear image without the cover.
7. Install the cover, and tighten the set screws.

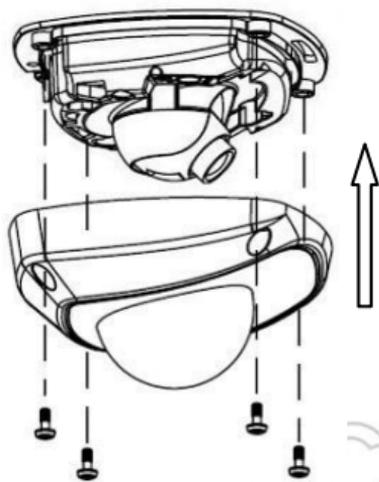


Figure 2-6 Install the Back Box

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3 Setting the Network Camera over the LAN

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. Then, install the SADP or i7-VMS software to search and change the IP of network camera.

- The following figure shows the cable connection of network camera and PC:

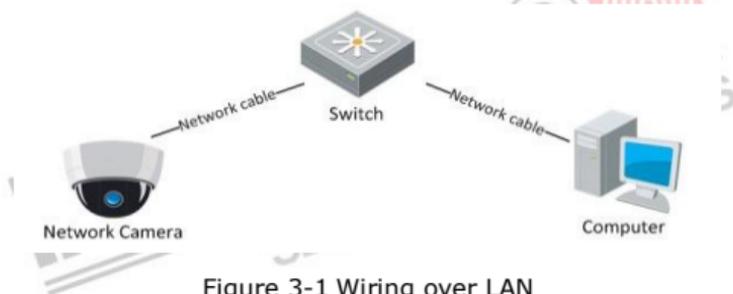


Figure 3-1 Wiring over LAN

- Set the IP address of the camera for accessing via LAN.

Steps:

1. To get the IP address, you can choose either of the following methods:
 - Use SADP, a software tool which can automatically detect network camera in the LAN and list the device information like IP address, subnet mask, port number, device serial number, device version, etc., shown in Figure 3-2.

- Use i7-VMS software and to list the online devices. Please refer to the user manual of client software for detailed information.
- 2. Change the IP address and subnet mask to the same subnet as of your PC.

Refer to the following introductions to set IP address with SADP software:

- **Search active devices online**

Search online devices automatically:

After launch the SADP software, it automatically searches the online devices every 15 seconds from the subnet where your computer locates. It displays the total number and information of the searched devices in the Online Devices interface. Device information including the device type, IP address, port number, gateway, etc. will be displayed.

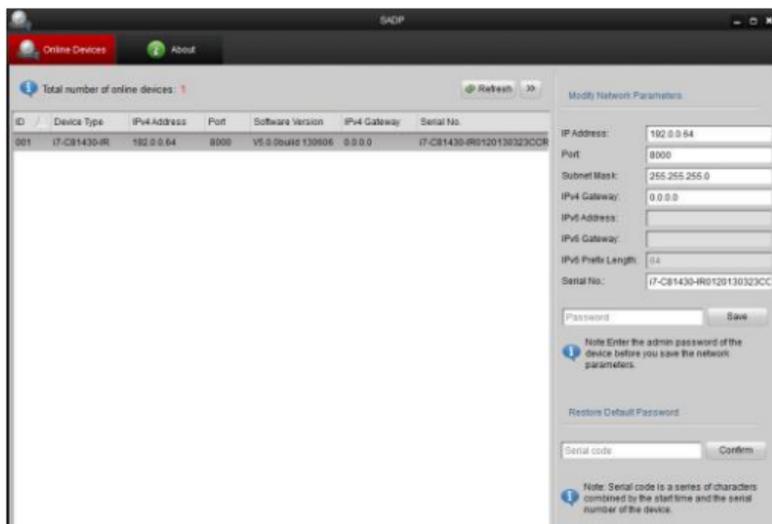
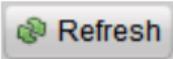


Figure 3-2 Searching Online Devices

Note: Device can be searched and displayed in the list in 15 seconds after it goes online; it will be removed from the list in 45 seconds after it goes offline.

Search online devices manually:

You can also click  to refresh the online device list manually. The newly searched devices will be added to the list.

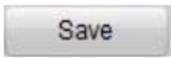
Note: You can click  or  on each column heading

to order the information; you can click  to show the device table and hide the network parameter panel on the

right side, or click  to show the network parameter panel.

□ **Modify device information**

Steps:

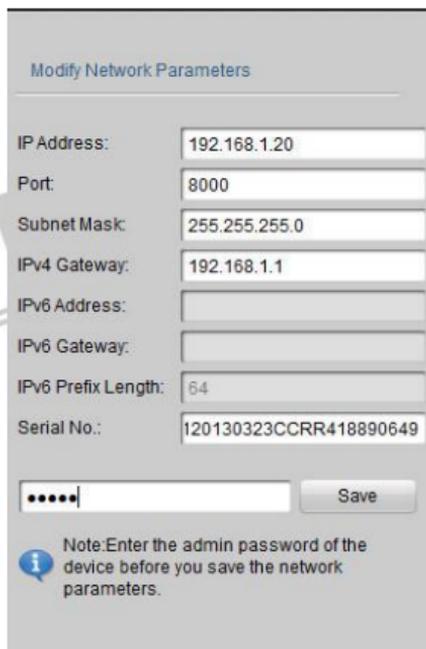
- 1). Select the device to be modified in the device list as shown in Figure 3-3. The network parameters of the device will be displayed in the Modify Network Parameters panel on the right side as shown in Figure 3-4.
- 2). Edit the modifiable network parameters, e.g. IP address and port number.
- 3). Enter the password of the admin account of the device in the Password field and click  to save the changes.



The screenshot shows the SADP web interface. At the top, there are tabs for 'Online Devices' and 'About'. Below the tabs, it indicates 'Total number of online devices: 1' with a 'Refresh' button. A table lists the device details:

ID	Device Type	IPv4 Address	Port	Software Version	IPv4 Gateway	Serial No.
001	I7-CB1430-IR	192.0.0.64	8000	V5.0.0build.130606	0.0.0.0	I7-CB1430-IR0120130323CCR

Figure 3-3 Select a device



The 'Modify Network Parameters' dialog box contains the following fields:

- IP Address: 192.168.1.20
- Port: 8000
- Subnet Mask: 255.255.255.0
- IPv4 Gateway: 192.168.1.1
- IPv6 Address: (empty)
- IPv6 Gateway: (empty)
- IPv6 Prefix Length: 64
- Serial No.: 120130323CCRR418890649

Below the fields is a password field (masked with dots) and a 'Save' button. A note at the bottom states: 'Note: Enter the admin password of the device before you save the network parameters.'

Figure 3-4 Modify Network Parameters

3. Enter the IP address of network camera in the address field of the web browser to view the live video.



Notes:

- The default value of the IP address is "192.0.0.64". The default user name is "admin", and password is "12345".
- For accessing the network camera from different subnets, please set the gateway for the network camera after you log in.



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

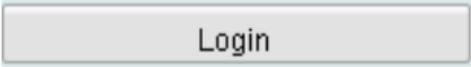
Display: 1024×768 resolution or higher

Web Browser: Internet Explorer 6.0 and above version, Apple Safari 5.02 and above version, Mozilla Firefox 3.5 and above version and Google Chrome8 and above version

Steps:

1. Open the web browser.
2. In the browser address bar, input the IP address of the network camera, e.g., 192.0.0.64 and press the **Enter** key to enter the login interface.
3. Input the user name and password.

4. Click



Login

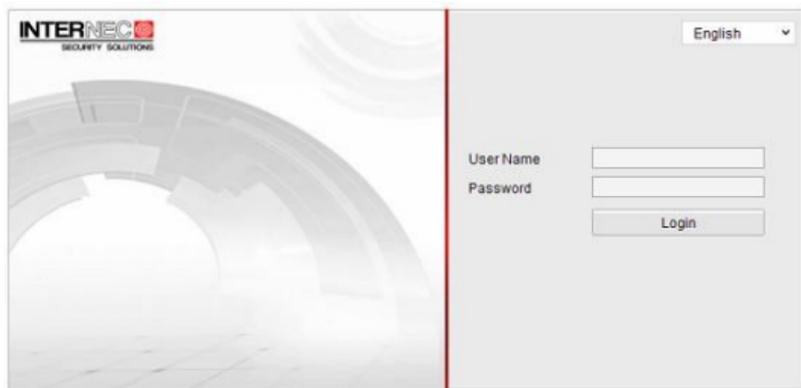


Figure 4-1 Login Interface

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.

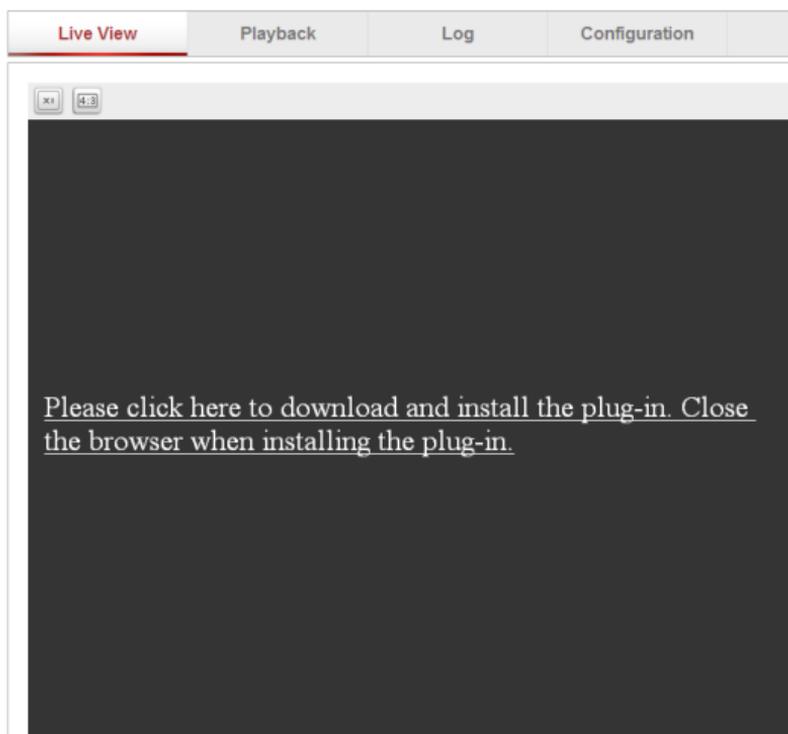


Figure 4-2 Download Plug-in

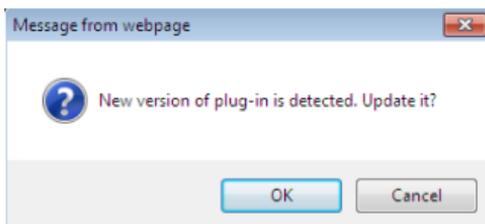


Figure 4-3 Download Plug-in

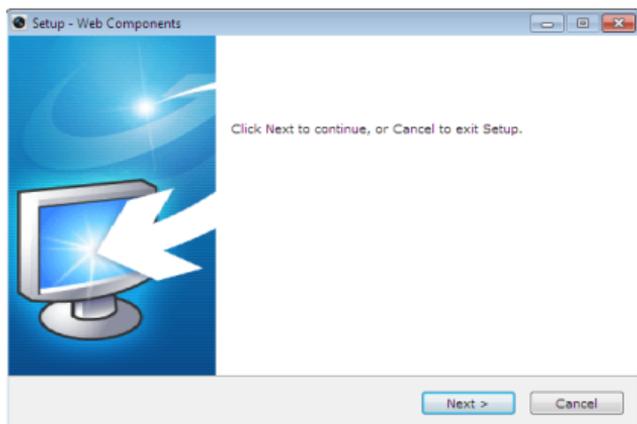


Figure 4-4 Install Plug-in

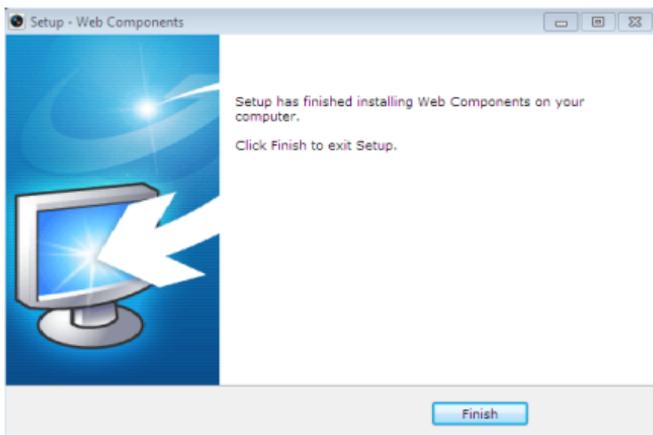


Figure 4-5 Install Plug-in

6. Reopen the web browser after the installation of the plug-in and repeat the above steps 2-4 to login.

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

