Quick Guide

Precautions

Fully understand this document before using this device, and strictly observe rules in this document when using this device. If you install this device in public places, provide the tip "You have entered the area of electronic surveillance" in an eye-catching place. Failure to correctly use electrical products may cause fire and severe injuries.

⚠ WARNING	It alerts you to moderate dangers which, if not avoided, may cause minor or moderate injuries.	
⚠ CAUTION	It alerts you to risks. Neglect of these risks may cause device damage, data loss, device performance deterioration, or unpredictable results.	
🔲 NOTE	It provides additional information.	

⚠ WARNING

- Strictly observe installation requirements when installing the device. The manufacturer shall not be held responsible for device damage caused by users' non-conformance to these requirements.
- Strictly conform to local electrical safety standards and use power adapters that are marked with the LPS standard when installing and using this device. Otherwise, this device may be damaged.
- Use accessories delivered with this device. The voltage must meet input voltage requirements for this device.
- If this device is installed in places with unsteady voltage, ground this device to discharge high energy such as electrical surges in order to prevent the power supply from burning out.
- When this device is in use, ensure that no water or any liquid flows into the device. If water or liquid unexpectedly flows into the device, immediately power off the device and disconnect all cables (such as power cables and network cables) from this device.
- Do not focus strong light (such as lighted bulbs or sunlight) on

this device. Otherwise, the service life of the image sensor may be shortened.
- If this device is installed in places where thunder and lightning frequently occur, ground the device nearby to discharge high energy such as thunder strikes in order to prevent device damage.
- The laser from the laser high speed camera can not directly face the human eyes to avoid possible damage to the human eyes.
- Laser high-speed cameras' lasers may cause fire hazards when directly facing flammable objects within short distance, Please keep a certain safe distance during installation.

⚠ CAUTION

- Avoid heavy loads, intensive shakes, and soaking to prevent damages during transportation and storage. The warranty does not cover any device damage that is caused during secondary packaging and transportation after the original packaging is taken apart.
- Protect this device from fall-down and intensive strikes, keep the device away from magnetic field interference, and do not install the device in places with shaking surfaces or under shocks.
- Clean the device with a soft dry cloth. For stubborn dirt, dip the cloth into slight neutral cleanser, gently wipe the dirt with the cloth, and then dry the device.
- Do not jam the ventilation opening. Follow the installation instructions provided in this document when installing the device.
- Keep the device away from heat sources such as radiators, electric heaters, or other heat equipment.
- Keep the device away from moist, dusty, extremely hot or cold places, or places with strong electric radiation.
- If the device is installed outdoors, take insect- and moisture-proof measures to avoid circuit board corrosion that can affect monitoring.
- Remove the power plug if the device is idle for a long time.
- Before unpacking, check whether the fragile sticker is damaged. If the fragile sticker is damaged, contact customer services or sales personnel. The manufacturer shall not be held responsible for any artificial damage of the fragile sticker.

Special Announcement

- All complete products sold by the manufacturer are delivered along with nameplates, quick setup guide and accessories after strict inspection. The manufacturer shall not be held responsible for counterfeit products.
- The manufacturer will update this manual according to product function enhancement or changes and regularly update the software and hardware described in this manual. Update information will be added to new versions of this manual without prior notice.
- This manual may contain misprints, technology information that is not accurate enough, or product function and operation description that is slightly inconsistent with the actual product, the final interpretation of company is as a standard.
- This manual is only for reference and does not ensure that the information is totally consistent with the actual product. For consistency, see the actual product.

🔲 NOTE

For more information, please refer to website.

Open the package, check the appearance of product for no obvious damage, and confirm the item list for table 1-1 is consistent.

Table 1-1 Packing list

Component	Quantity	Remark
High Speed Dome Camera	1	
Quick Setup Guide	1	
Bracket connector	2	
No.5 Hex Wrench	1	
Slotted screwdriver	1	
Terminal block	2	
A pair of gloves	1	
Power adapter	1	
Wall mount bracket	1	
Stainless hexagon screw M6*14mm	3	
Stainless hexagon screw M5*9mm	1	

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2 ## Device Structure

2.1 Device Ports

🔲 NOTE

Different device may have different multi-head cable, please refer to the actual product.
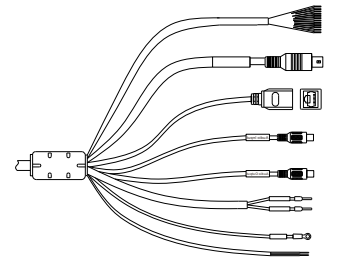
Figure 2-1 Multi-head cable

Table 2-1 Multi-head cable description

ID	Core	Function	Description
1	Brown	Alarm output channel 1	Alarm input and alarm output channels.
	Brown/Black	Alarm output channel 1 common terminal	
	Red	Alarm output channel 2	
	Red/Black	Alarm output channel 2 common terminal	
	Orange	Alarm input channel 1	
	Orange/Black	Alarm input channel 2	
	Yellow	Alarm input channel 3	
	Yellow/Black	Alarm input channel 4	
	Green	Alarm input channel 5	

ID	Core	Function	Description
	Green/Black	Alarm input channel 6	
	Blue	Alarm input channel 7	
	Blue/Black	Alarm input channel common terminal	
2	N/A	BNC Video	Sends an analog video signal. You can connect the camera to a TV monitor through this port to view the analog video.
3	N/A	Network port	Connects to a standard Ethernet cable.
4	Red taped core	Audio output	Connects to an external audio device such as a speaker.
5	White taped core	Audio input	Receives an analog audio signal from devices such as a sound pickup device..
6	Red core	AC 24V power supply	Supply power for device and heater.
	Black core		
7	N/A	Grounding wire	-
8	Yellow	RS485-	Connects an external Pan Tilt Zoom (PTZ).
	Green	RS485+	

2.2 Camera Dimensions

🔲 NOTE

Different device may have different dimensions, please refer to the actual product.
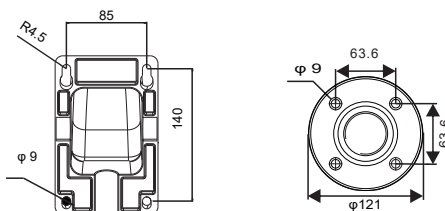
Figure 2-2 Dimensions   Unit:mm
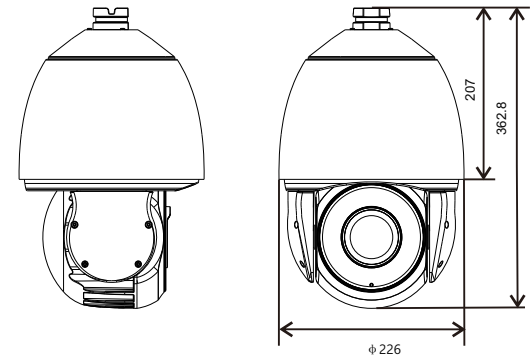
3 Device Installation

Installation Steps:

Step 1 Please make the mark based on bracket dimensions for drilling the hole. Drill four φ8 holes over 60 mm depth, and drive the swell plastic buttons into the holes.

Figure 3-1 Bracket dimensions(unit:mm)

Step 2 Thread all cables through the cable hole on the side of the bracket,as shown in the figure 3-2.

Figure 3-2 Aligning the screw holes

Wall bracket   Optional ceiling bracket
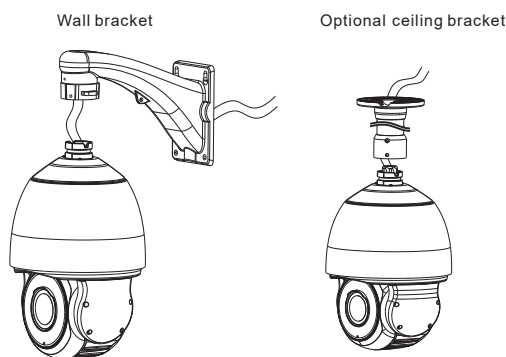
Step 3 Attach the high speed dome to the bracket, the tighten the three screws, as shown in figure 3-3.

Figure 3-3 Fixing the bracket and dome

Wall bracket   Optional ceiling bracket
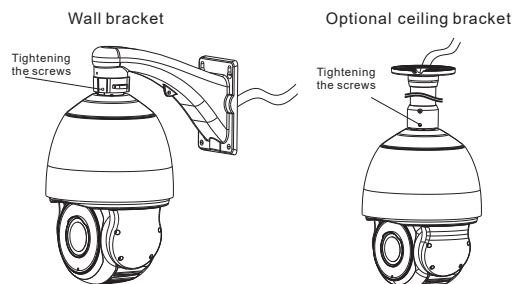

Step 4 Mount the high speed dome to the wall or ceiling and tighten the four screws on the bracket completely.

4 Quick Configuration(e.g IE)

3.1 Login

Open the Internet Explorer, enter the IP address of IP camera (DHCP is on by default) in the address box, and press Enter The login page is displayed. as shown in figure 4-1. You can change the system display language on the login page.
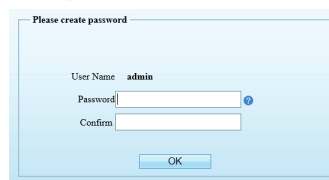
Figure 4-1 Login
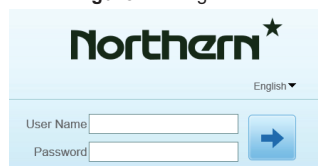
📖 NOTE

Ÿ There is no default password for the camera. User need create a new password when login for the first time. Shown in figure 4-2
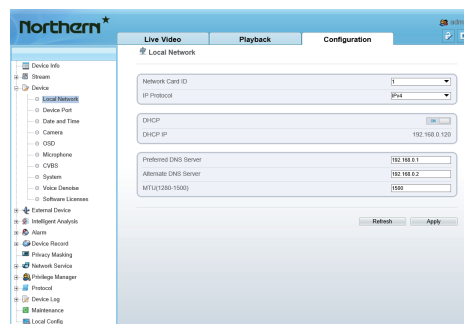
Figure 4-2 Create password

4.2 Modify IP address

Choose **Configuration > Device > Local Network**, the **Local Network** page is displayed.
Enter the IP address in the IP Address box and click **Apply** as shown in figure 4-3.
After the success of the IP address setting, please use the new IP address to log in the Web interface.

Figure 4-3 Local Network

4.3 Browsing Video

To ensure the real-time video can be played properly, you must perform the following operation when you log in the web for the first time:

Step 1 Open the Internet Explorer. Choose **Tools** > **Internet options** > **Security** > **Trusted sites** > **Sites**, in the display dialog box, click **Add**, as shown in figure 4-4.

Step 2 In the Internet Explorer, choose **Tool** > **Internet Options** > **Security** > **Customer level**, and set **Download unsigned ActiveX control** and **initialize and script ActiveX controls not marked as safe for scripting under ActiveX controls and plug-ins to Enable**, as shown in figure 4-5.
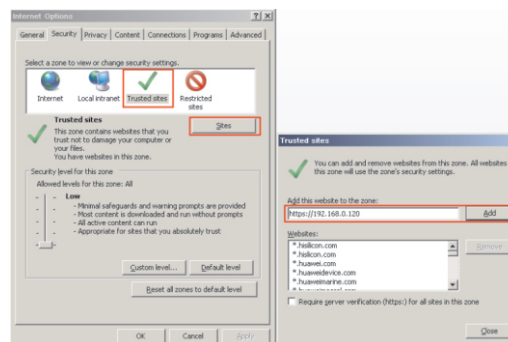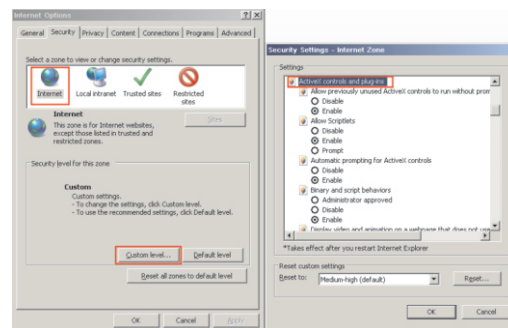
Figure 4-4 Adding a trusted site

Figure 4-5 Configuring ActiveX control and plug-in

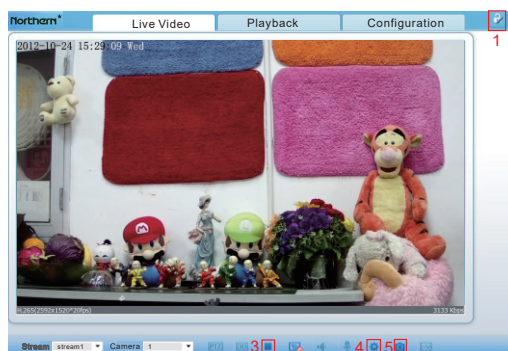Step 3 Download and install the player control as prompted.

📖 NOTE

If the repair tips displayed when installing the control , please ignore the prompt, and continue the installation, the login page is displayed when the control is loaded.

To browse a real-time video, click Live Video. The Live Video page is displayed, as shown in figure 4-6.

Figure 4-6 Live Video

Description：

1. Click 🔑 to change the password, Please change the password when you log in to the system for the first time to ensure system security.

2. Click ↩ to return to the login page.

3. Click ⏹ to stop playing a video; click ▶ to play a video.

4. To set sensor parameters, click ⚙ to open the Sensor Setting page. On the Sensor Setting page, you can set time segment, image, scene, exposure, WB, daynight, nosie reduction, enhance image.
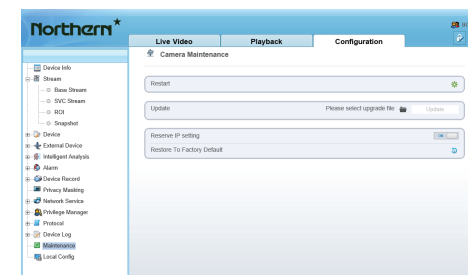
5. Click 📷 , snapshot the video and save to local disk automatically.

6. Double-click in the video area to enter the full-screen mode, and double-click again to exit.

4.4 Factory Reset

Choose "**Configuration**〉 **Maintenance**" , the ″Camera Maintenance" is displayed, as shown in figure 3-9. You can restart and restore the camera in this page.

Figure3-9 Camera Maintenance

Click ⚙ , the message"Are you sure to restart?" is displayed, then click "Confirm", the device is restarted successfully five minutes later.
Click 🔄 , the message "Are you sure to restore default settings?" is displayed, then click "Confirm", the device is restored to the factory settings.

⚠ CAUTION

After you click 🔄 ,all parameters (you can choose whether to reserve the IP address) will be restored to the factory settings. Use this function carefully.