



Quick Guide

Quick Start Guide

About this Manual

The Manual includes instructions for using and managing the product. Pictures, charts, images and all other information hereinafter are for description and explanation only. The information contained in the Manual is subject to change, without notice, due to firmware updates or other reasons. Please find the latest version in the company website.

Please use this user manual under the guidance of professionals.

Legal Disclaimer

REGARDING TO THE PRODUCT WITH INTERNET ACCESS, THE USE OF PRODUCT SHALL BE WHOLLY AT YOUR OWN RISKS. OUR COMPANY SHALL NOT TAKE ANY RESPONSIBILITIES FOR ABNORMAL OPERATION, PRIVACY LEAKAGE OR OTHER DAMAGES RESULTING FROM CYBER ATTACK, HACKER ATTACK, VIRUS INSPECTION, OR OTHER INTERNET SECURITY RISKS; HOWEVER, OUR COMPANY WILL PROVIDE TIMELY TECHNICAL SUPPORT IF REQUIRED.

SURVEILLANCE LAWS VARY BY JURISDICTION. PLEASE CHECK ALL RELEVANT LAWS IN YOUR JURISDICTION BEFORE USING THIS PRODUCT IN ORDER TO ENSURE THAT YOUR USE CONFORMS TO THE APPLICABLE LAW. OUR COMPANY SHALL NOT BE LIABLE IN THE EVENT THAT THIS PRODUCT IS USED WITH ILLEGITIMATE PURPOSES.

IN THE EVENT OF ANY CONFLICTS BETWEEN THIS MANUAL AND THE APPLICABLE LAW, THE LATER PREVAILS.

Regulatory Information

FCC Information

FCC compliance: This equipment has been tested and found to comply with the limits for a Class 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 EMC Directive 2004/108/EC, the RoHS Directive 2011/65/EU.



2012/19/EU (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.



2006/66/EC (battery directive): This product contains a battery that cannot be disposed of as unsorted municipal waste in the European Union. See the product documentation for specific battery information. The battery is marked with this symbol, which may include lettering to indicate cadmium (Cd), lead (Pb), or mercury (Hg). For proper recycling, return the battery to your supplier or to a designated

collection point. For more information see: www.recyclethis.info.

Industry Canada ICES-003 Compliance

This device meets the CAN ICES-3 (A)/NMB-3(A) standards requirements.

Safety Instruction

These instructions are intended to ensure that user can use the product correctly to avoid danger or property loss.

The precaution measure is divided into **Warnings** and **Cautions**:

Warnings: Neglecting any of the warnings may cause serious injury or death.

Cautions: Neglecting any of the cautions may cause injury or equipment damage.

	
Warnings Follow these safeguards to prevent serious injury or death.	Cautions Follow these precautions to prevent potential injury or material damage.



Warnings

- All the electronic operation should be strictly compliance with the electrical safety regulations, fire prevention regulations and other related regulations in your local region.
- Please use the power adapter, which is provided by normal company. For standard of the power adapter, please refer to the specification manual for details. The power consumption cannot be less than the required value.
- Do not connect several devices to one power adapter as adapter overload may cause over-heat or fire hazard.
- Please make sure that the power has been disconnected before you wire, install or dismantle the speed dome.
- When the product is installed on wall or ceiling, the device shall be firmly fixed.
- If smoke, odors or noise rise from the device, turn off the power at once and unplug the power cable, and then please contact the service center.
- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the speed dome yourself. (We shall not assume any responsibility for problems caused by unauthorized repair or maintenance.)



Cautions

- Do not drop the dome or subject it to physical shock, and do not expose it to high electromagnetism radiation. Avoid the equipment installation on vibrations surface or places subject to shock (ignorance can cause equipment damage).
- Do not place the dome in extremely hot, cold, dusty or damp locations, otherwise fire or electrical shock will occur. For working temperature, please refer to the specification manual for details.
- The dome cover for indoor use shall be kept from rain and moisture.
- Exposing the equipment to direct sun light, low ventilation or heat source such as heater or radiator is forbidden (ignorance can cause fire danger).

- Do not aim the speed dome at the sun or extra bright places. A blooming or smear may occur otherwise (which is not a malfunction however), and affecting the endurance of sensor at the same time.
- Please use the provided glove when open up the dome cover, avoid direct contact with the dome cover, because the acidic sweat of the fingers may erode the surface coating of the dome cover.
- Please use a soft and dry cloth when clean inside and outside surfaces of the dome cover, do not use alkaline detergents.
- Please keep all wrappers after unpack them for future use. In case of any failure occurred, you need to return the speed dome to the factory with the original wrapper. Transportation without the original wrapper may result in damage on the speed dome and lead to additional costs.

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1 Installation

Warning: Do not power the speed dome up until the installation is finished. To ensure the safety of personnel and equipment, all the installation steps should be done with power supply off.

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.



When carrying the speed dome, do not directly pull waterproof group cables. Otherwise, the waterproof or circuit performance may be affected.

1.1 Connecting Cables

The cable interfaces of network speed dome are shown in two following figures. The cables are distinguished by different colors. Please refer to the labels attached on the cables for identification.

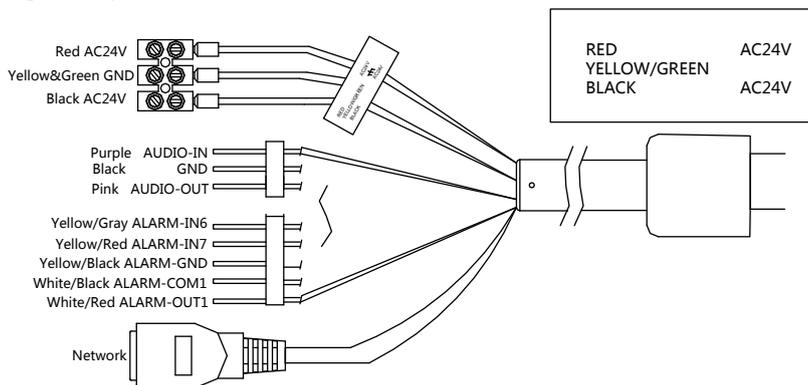


Figure 1-1 Cables of 5-inch and 7-inch IR Network Speed Dome

1.2 Wall Mounting

1.2.1 Installing the Bracket



- The speed dome can be installed to a thread interface or non-thread interface bracket. The non-thread bracket is highly recommended.
- When you select a thread bracket, please install the pendent adapter (supplied) between the bracket and speed dome. Any mismatch problems shall be taken responsibility by the user.

- The dimension of pendant adapter is $G1\frac{1}{2}$.
- For cement wall, you need to use the expansion screw to fix the bracket.
- For wooden wall, you can just use the self-tapping screw to fix the bracket.
- Please make sure that the wall is strong enough to withstand at least 8 times the weight of the dome and the bracket.
- The wall must be thick enough to mount the expansion screws.

There are several ways to install the speed dome. In this section, the non-thread bracket installation is taken as an example. Refer to the following steps for details:

Steps:

1. Get the bracket and screws from the packing box as shown follows.

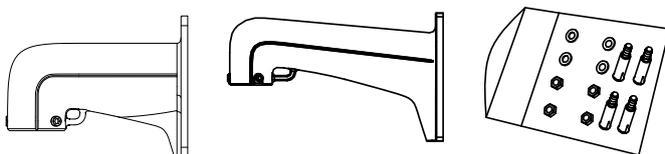


Figure 1-2 Wall Mounting Bracket and Accessories

2. Drill 4 $\phi 12$ screw holes in the wall according to the hole locations of the bracket, and then insert M8 expansion screws into the screw holes.

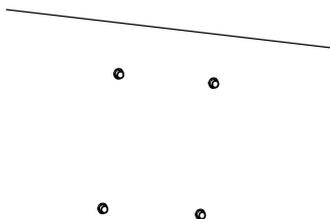


Figure 1-3 Drill Screw Hole and Insert Expansion Screw

3. Secure the bracket with 4 hex nuts and washers.

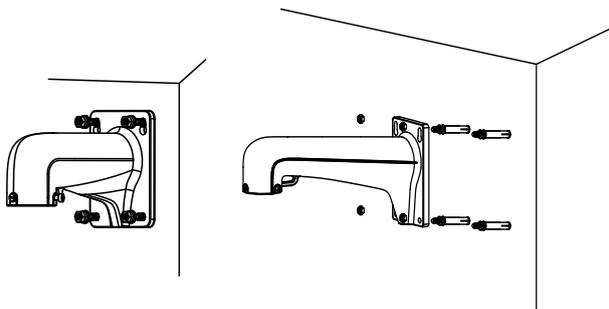


Figure 1-4 Drill Screw Holes



Please take water-proof measures when installing outdoor speed domes.

1.2.2 Installing Micro SD Card

Purpose:

The speed domes are with built-in micro SD card slots which are for local storage with micro SD cards. There are four types of speed dome listed as follows.

Refer to the following steps to install the micro SD card.

- **7-inch IR network speed dome:** The micro SD card slot is inside the rear cover. Outdoor mini IR network speed dome is taken as an example here. Refer to the following steps to install the micro SD card.

Steps:

1. Loosen 4 screws in the rear cover. Remove the rear cover.
2. Insert the SD card to the slot in the correct direction. Make sure the SD card is clicked into place.
3. Attach the rear cover back to the speed dome. Secure the rear cover with 4 screws.

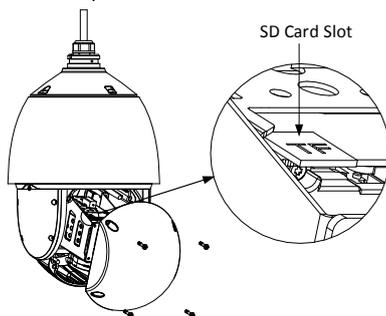


Figure 1-5 Micro SD Card Slot

1.2.3 Speed Dome Installation

7-inch IR Network Speed Dome Installation

Steps:

1. Remove the protective sticker from the speed dome.

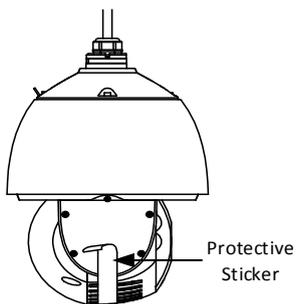


Figure 1-6 Remove Sticker

2. Hook the two ends of the safety rope to the back box of the speed dome and the bracket respectively. Route the cables through the bracket as shown follows.
3. Loosen the lock screws on the bracket as shown below.
4. Align the speed dome with bracket and rotate it counterclockwise or clockwise to the bracket tightly as shown below.

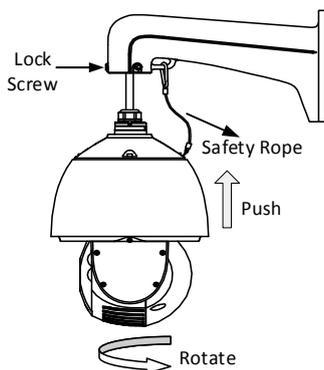


Figure 1-7 Align to the Bracket

5. Use L-wrench to tighten the lock screws to secure the speed dome and the bracket.

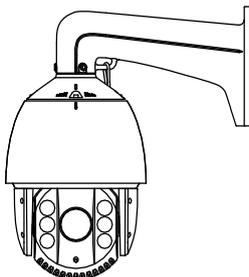


Figure 1-8 Tighten the Lock Screws

6. Remove the protective film on the IR light.

2 Setting the Dome over the LAN



- 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, please contact with your dealer or the nearest service center.
- To ensure the network security of the speed dome, we recommend you to have the speed dome assessed and maintained termly. You can contact us if you need such service.

2.1 Wiring

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

The following figure shows the cable connection of network speed dome.

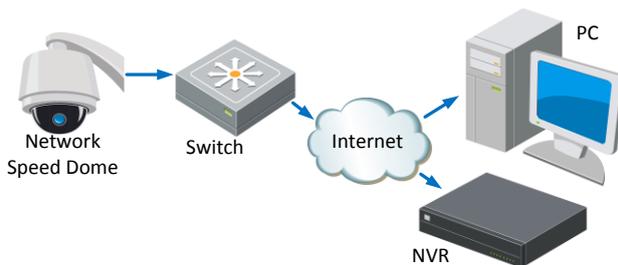


Figure 2-1 Wiring over LAN

2.2 Activating the Speed Dome

Purpose:

You are required to activate the speed dome first by setting a strong password for it before you can use the speed dome.

Activation via Web Browser, Activation via SADP, and Activation via client software are supported. In the following sections, activation via web browser and SADP will be taken as examples. You may refer to the user manual of the speed dome for the details of activation via client software.

2.2.1 Activation via Web Browser

Steps:

1. Power on the speed dome, and connect the speed dome to the network.

2. Input the IP address into the address bar of the web browser, and click Enter to enter the activation interface.



The default IP address of the speed dome is 192.168.1.64.

Figure 2-2 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 activate the speed dome and enter the live view interface.

2.2.2 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 speed dome.

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.

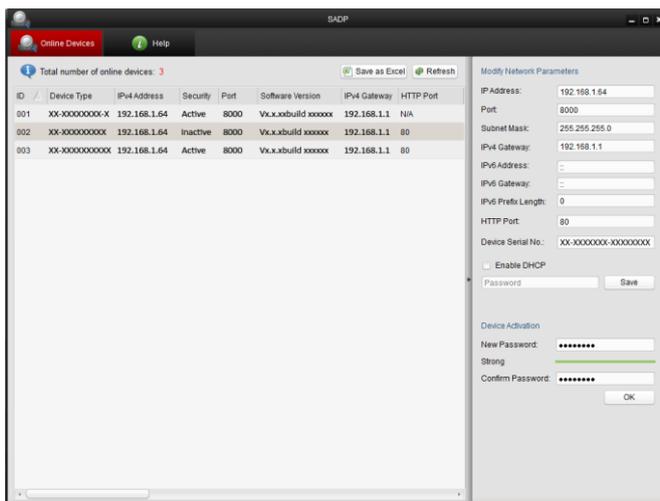


Figure 2-3 SADP Interface

3. Create a password and input the 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 **OK** to save the password.

You can check whether the activation is completed on the popup window. If activation failed, please make sure that the password meets the requirement and then try again.

2.3 Modifying the IP Address

Purpose:

To view and configure the speed dome via LAN (Local Area Network), you need to connect the network speed dome in the same subnet with your PC. Then, install the SADP software or client software to search and change the IP of network speed dome. We will take modifying the IP Address via SADP software as an example to introduce the IP address modification.

Steps:

1. Run the SADP software.
2. Click to select an active device.



Please refer to the section **2.2 Activating the Speed Dome** to activate the speed dome if it is inactive.

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.

The screenshot shows a configuration window titled "Modify Network Parameters". It contains several input fields and a checkbox:

- IP Address: 192.168.1.64
- Port: 8000
- Subnet Mask: 255.255.255.0
- IPv4 Gateway: 192.168.1.1
- IPv6 Address: ::
- IPv6 Gateway: ::
- IPv6 Prefix Length: 0
- HTTP Port: 80
- Device Serial No.: XX-XXXXXXX-XXXXXXX
- Enable DHCP
- Password: [Empty field]
- Save: [Button]

Figure 2-4 Modify the IP Address

4. Input the password and click **Save** to activate your IP address modification.

3 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 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 speed dome, e.g., 192.168.1.64 and press the Enter key to enter the login interface.
3. Activate the speed dome for the first time using, refer to the section **2.2 Activating the Speed Dome**.
4. Input the user name and password and click . The admin user should configure the device accounts and user/operator permissions properly. Delete the unnecessary accounts and user/operator permissions.



The device IP address gets locked if the admin user performs 7 failed password attempts (5 attempts for the user/operator).

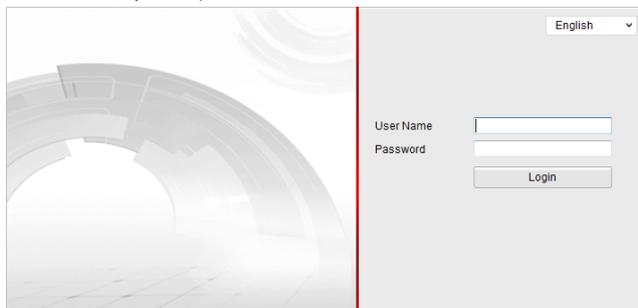


Figure 3-1 Login Interface

5. Install the plug-in before viewing the live video and managing the network speed dome. Please follow the installation prompts to install the plug-in.



You may have to close the web browser to finish the installation of the plug-in.

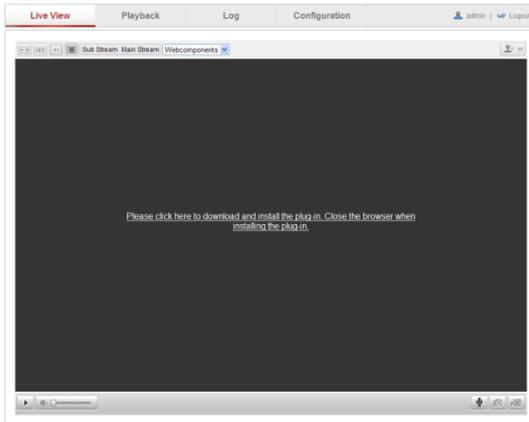


Figure 3-2 Download Plug-in

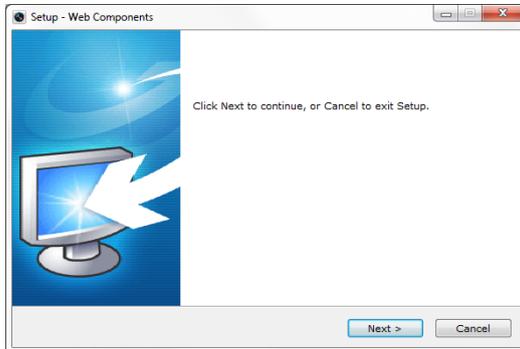


Figure 3-3 Install Plug-in

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



For detailed instructions of further configuration, please refer to the user manual of network speed dome.