Camera User Manual

Version: 1.0
Date: June, 2017

Warning and Caution

- If the product does not work properly, please contact your dealer or the nearest service center. Never attempt to disassemble the camera by yourself. (We shall not be responsible for any problems caused by unauthorized repair or maintenance.)
- Keep away from liquid while in use.
- In the use of the product, you must be strict compliance with the electrical safety regulations of the nation and region. When the product is mounted on wall or ceiling, the device shall be firmly fixed.
- Make sure the power supply voltage is correct before using the camera.
- Do not drop the camera or subject it to physical shock.
- If cleaning is necessary, please use clean cloth to wipe it gently. If the device will not be used for a long time,please cover the lens cap to protect the device from dirt.
- Do not aim the camera at the sun or extra bright place. A blooming or smear may occur otherwise (which is not a malfunction however), and the endurance of the device will be affected at the same time.
- The device may be burned out by a laser beam, so when any laser equipment is in use, make sure that the surface of the device will not be exposed to the laser beam.
- Do not place the camera in extremely hot, cold (the operating temperature shall be (-20˚C~50˚C), dusty or damp locations, and do not expose it to high electromagnetism radiation.
- To avoid heat accumulation, good ventilation is required for operating environment.
- While on a delivery, the camera shall be packed in its original packing, or packing of the same texture.
- A few parts of the device shall be replaced regularly according to their average enduring time. Regular checking is recommended for all users.

Introduction

This series of the camera adopt the latest technology and advanced circuit design, feature high definition and sensitivity, low noise and distortion and support HD video transmission with the common coaxial cable, ensuring the requirement of the HD monitoring in the traditional surveillance system.

- **High Resolution**

Adopt high performance sensor, providing high definition and clear image.

- **High Transmission Performance**

Real-time transmission with high speed and long distance.

- **High Light Compensation (HLC)**

Mask and compensation the high light area.

- **DNR**

Reduce noise from brightness and color signal.

- **OSD**

It's easy for user to call the setup menu and configure the menu. The functions and features of the camera can be clearly displayed through the main menu.

- **White Balance**

Adjust the color temperature according to the environment automatically.

- **ICR Auto Switch**

The filter will filter infrared light during the daytime and change to normal at night to ensure a high sensitivity and clear image.

- **AGC**

Adjust the gain of amplifier, enabling the camera to output the standard video signal in different lighting condition.

- **Wide Dynamic Range (WDR)**

When there are both very bright and very dark areas simultaneously in the field of view, this function will balance the brightness level and provide clear images.

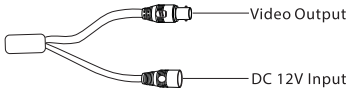
- **Privacy Masking**

This function allows you to block or mask certain area of a scene for privacy purpose.

- **Backlight Compensation (BLC)**

When the back of the captured object is too much bright, you can set BLC for the captured object to make it clearer.

Cables



The cables are only for reference, please take the real object as the standard. The default video output will be different for different cameras.

Installation

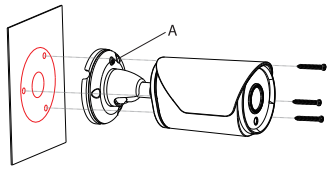
Before you start, please make sure that the wall or ceiling is strong enough to withstand three times the weight of the camera. Please install and use the camera in the dry environment and in the moderate temperature.

You'd better install back the lens cover or lower dome less than 4 hours after removing it.

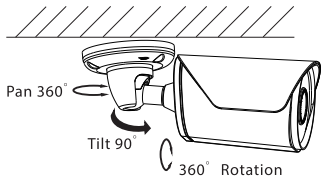
The mounting types of cameras are only for reference, please take the real object as the standard.

Mounting for Bullet Camera (I)

1. Attach the drill template to the place where you want to fix the camera and then drill screw holes according to the drill template.
2. Route and connect the cables.
3. Secure the mounting base with the camera to the wall with screws as it shows below.

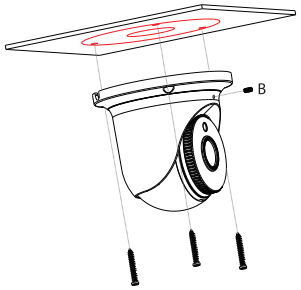


4. Bracket adjustment. Before adjustment, preview the image of the camera on a monitor and then loosen the fixed screw A little bit on the mounting base to adjust the view angle of the camera. Tighten the fixed screw A after the adjustment while at the same time, the front part of bullet camera can be adjusted from 0° to 90° by physically turning the end of the bullet part (**Attention:** Do not loosen the whole fixed screw A out of the tapping hole).
5. Remove the protection film softly to finish the installation.

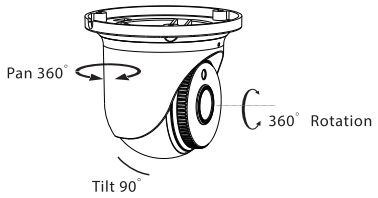


Mounting for Eyeball Camera (II)

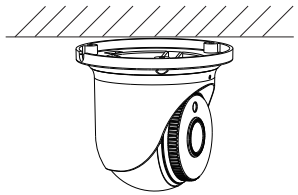
1. Attach the drill template to the place where you want to fix the camera and then drill screw holes according to the drill template.
2. Route and connect the cables.
3.Install the eyeball camera and then secure the mounting base to the ceiling or wall with screws.



4. Bracket adjustment. Before adjustment, preview the image of the camera on a monitor and then loosen the fixed screw B in front of the body to adjust the view angle of the camera to get an optimum angle. Tighten the fixed screw B after the adjustment. (**Attention:** Do not loosen the whole screw B out of the hole).

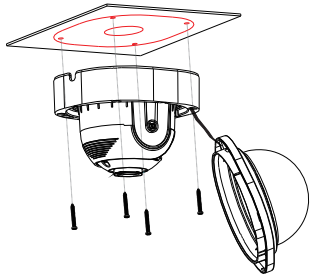


5. Remove the protection film softly to finish the installation.

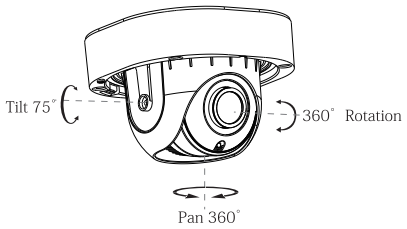


Mounting for Dome Camera (III)

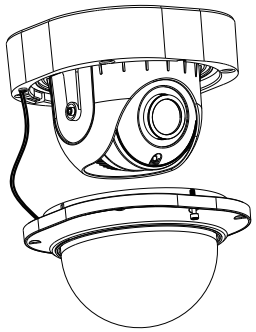
1. Attach the drill template to the place where you want to fix the camera and then drill 4 screw holes and 1 cable hole (if you want to route the cables through the mounting base) according to the drill template.
2. Route and connect the cables. And then secure the mounting base to the ceiling or wall with screws.

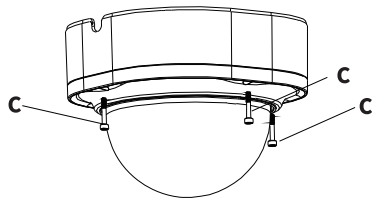


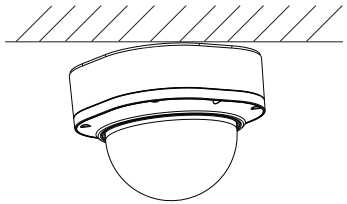
3. Three-axis adjustment. Preview the image of the camera on a monitor and then adjust the camera according to the figure showed below to get an optimum angle.



4. Install the lower dome back to the camera with screws C and remove the protection film softly to complete the installation.







Call up Main Menu

Some models may not support calling up main menu, please take the real object as the standard.

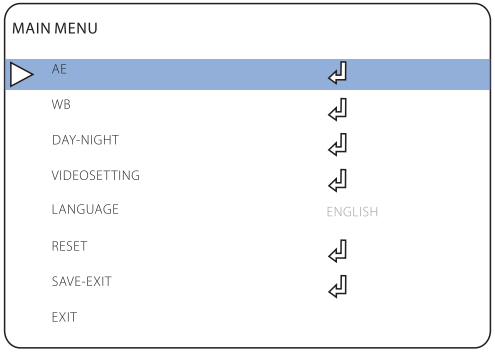
Access Main Menu

Select the preview window and right click the mouse to show the following menu list on the DVR.

Click to go to Coaxial control menu as below and click button to go to the main menu of camera.

Operate Menu

You can select the menu by clicking (U) or (D) key on the direction area. Click (L) or (R) key to select the menu on the left. The menu with arrow icon which means it has sub-menu. To return to the previous menu or exit the main menu, please select "EXIT".



Note: This series of the camera must be connected to the DVR which supports calling up main menu of camera. Different DVRs manufactured by different DVR manufacturers may have different modes of menu operation. Please refer to the relevant User Manual of DVR.