

# HD ANALOG CAMERA

## QUICK START GUIDE

V1.0.0

### WHAT'S IN THE BOX

Camera	Mounting Screws
Drill Template	Expansion Bolts
Hex key	Quick Start Guide

### 1. NETWORK TOPOLOGY



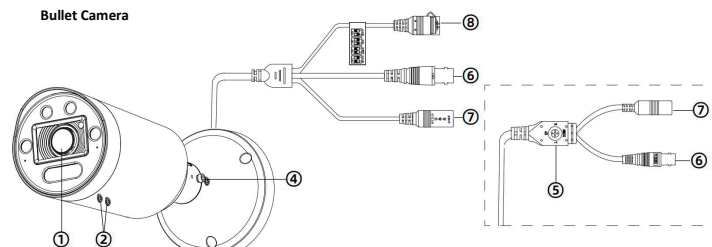
UVC is designed as an important part of the out-of-the-box CCTV system and has been optimized to improve the installation experience.

Power up the UVC and connect it to the BNC connector of the UVR. The UVR will display the video and automatically start recording the camera.

**[NOTE]** This may not apply to all installation environments.

### 2. CAMERA COMPOSITION DESCRIPTION

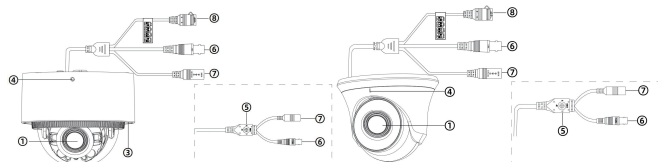
#### Bullet Camera



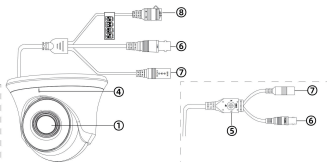
**[NOTE]** The type of the tail cables can be different according to the camera models, please refer to your camera's model.

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#### Dome Camera



#### Turret Camera



No.	Name	Description
1	Lens	The lens of camera
2	Lens adjustment terminal	Used to adjust the focal point of the lens (Only suitable for manual zoom lens cameras)
3	Camera dome securing screws	Secure the dome to the camera housing
4	Locking screw	Locking screws to fix the case
5	OSD Joystick (optional)	Used to control the OSD menu and configure the video output signal
6	BNC HD video output	BNC connector to transmit video to UVR
7	Power	DC connector for local power connection
8	DIP Switch	Switching video signal by manual switching dip switch

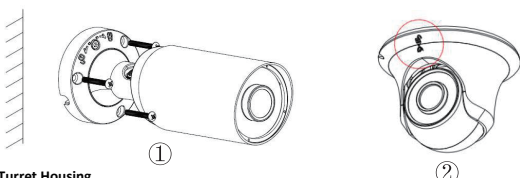
**[NOTE]** This diagram and list are for reference only and do not represent all cameras.

### 3. MOUNTING THE CAMERA

#### Bullet Housing

Remove the packaging and ensure all the required tools are present.

- Stick the mounting template to the wall where the camera will be installed. Then drill the holes as marked on the template.
- Fix the camera to the surface with screws. ①
- Loosen the hex screw on the base to adjust the viewing position of the camera.
- Connect the camera's cables correctly and check the video.

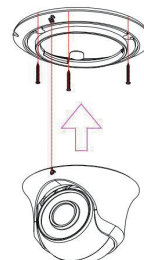


#### Turret Housing

Remove the packaging and ensure all the required tools are present.

- Stick the mounting template to the surface where the camera will be installed. Then drill holes as marked on the template.
- Loosen the locking screw with hex key to rotate the main body and then separate the camera and base. ②

- Fit the base in line with the screws holes drilled in step 1 then fix the camera to the base.



- Rotate and twist the camera to position it. Then tighten the locking screw to secure camera in position. Connect the camera's cables correctly and check the video.

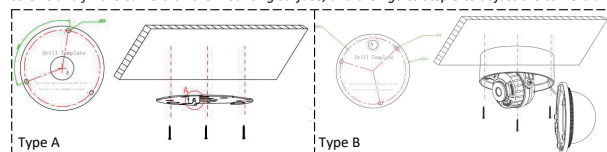


#### Vandal dome Housing

Remove packaging and ensure all required tool are present.

- Loosen the locking screw to remove the bracket from the bottom of the camera and fit this to the mounting surface.

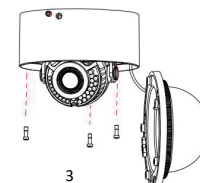
**[NOTE]** Some cameras (type B) don't have the bracket. Please refer to step 3 to loosen the 3 hex screws and fix the camera on the mounting surface, and then go to step 3 to adjust the camera angle.



- Fit the camera to the bracket, twist clockwise and tighten the locking screw.



- Loosen the 3 hex screws to remove the dome cover then reposition and adjust the lens of the camera.



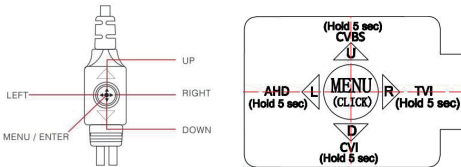
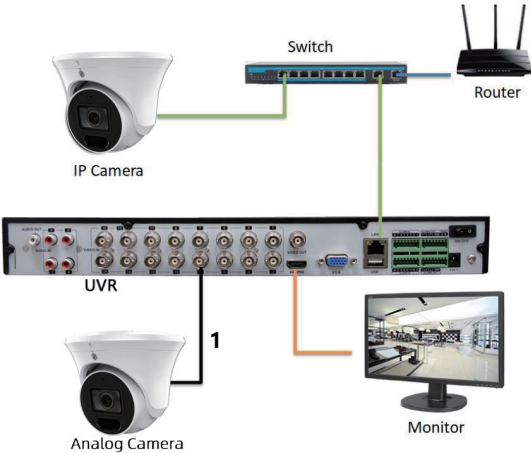
4. Tighten the screws in the dome cover to ensure the camera is properly covered. Connect the camera's cables correctly and check the video.

[NOTE] Please tighten the cover, a loose cover may result in water ingress.

4. CONNECTING TO UVR

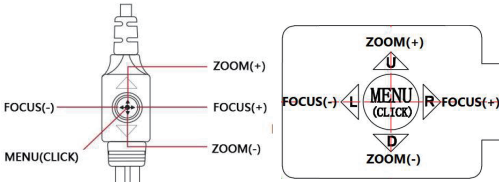
Connecting UVC and IP camera to UVR

- Connect the Analog camera to the BNC connector of UVR.
- Connect the IP camera to the same LAN as UVR through the switch.



OSD joystick shortcut		
Using the OSD joystick shortcuts	CVBS	Hold Up on the joystick for 5 seconds
	AHD	Hold Left on the joystick for 5 seconds
	TVI	Hold Right on the joystick for 5 seconds
	CVI	Hold Down on the joystick for 5 seconds

2. OSD joystick shortcuts for the lens adjustments ( e.g., T-Z series).



OSD joystick shortcut for T-Z series		
Using the OSD joystick shortcuts	ZOOM(+)	Hold Up on the joystick
	ZOOM(-)	Hold Down on the joystick
	FOCUS(+)	Hold Right on the joystick
	FOCUS(-)	Hold Left on the joystick
	MENU	Click the joystick

[NOTE] This optional feature depends on the model, do not represent all cameras.

5. CHANGING VIDEO OUTPUT SIGNAL

Please read the information below for instructions on how to change the video output of AHD camera.

- Step 1:** Locate the product type for the camera in hand.  
**Step 2:** Follow the instructions to set the desired video output.

There are two methods to change the video output signal:

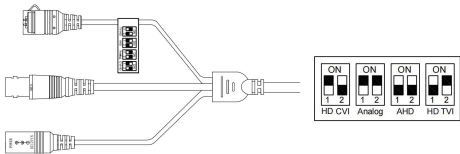
Method 1:

[NOTE] The tail line has OSD joystick and dip switch , please choose the appropriate way according to your AHD cameras' model.

- OSD joystick shortcut for the output mode switching.

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3. Switching video signal by manual switching dip switch, the patterns are illustrated as follows.

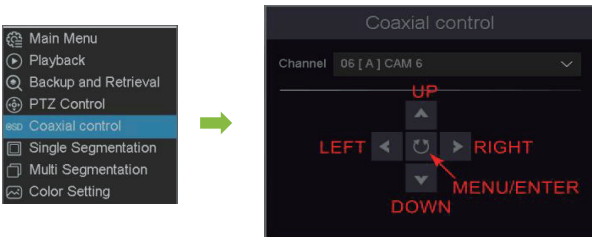


Dip switch		
Type of signal represented	CVI	1 dial up, 2 dial down
	CVBS	1 dial up, 2 dial up
	AHD	1 dial down, 2 dial down
	TVI	1 dial down, 2 dial up

Method 2:

UTC Control from UVR interface

- Step 1:** Select the camera you want to change the setting of the video output signal in the preview interface.  
**Step 2:** Right-click and select OSD Coaxial control.



Step 3:

U series Varifocal & Fixed Lens Cameras	
UTC Control from UVR	1. Open coaxial control from the live display
	2. Click the central MENU button by UI or press down on the joystick

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Q series Varifocal & Fixed Lens Cameras	3. Move the arrow to VIDEO SETTING and click the central MENU button
	4. HD, navigate left & right to set TVI, CVI, CVBS, and AHD video output
	5. Video Standard, navigate left & right to set 4MP or 5MP resolution (if Q-C series, navigate left & right to set 25fps or 30fps Video Frame Rate)
	6. Go to Reboot& Apply to apply the changes and reboot the camera
UTC Control from UVR	1. Open coaxial control from the live display
	2. Click the central MENU button by UI or press down on the joystick
	3. Move arrow to FORMAT , navigate left & right to set 25fps or 30fps Video Frame Rate
	4. Move the arrow to VIDEO MODE , navigate left & right to set TVI, CVI, CVBS, and AHD video output
	5. Click the central MENU button by UTC UI, and the camera restarts

6. CAUTION



This symbol is intended to alert users of important operations and maintenance instructions within the documentation accompanying the product.



This symbol is intended to alert users of uninsulated 'dangerous voltage' within the product enclosure that may be strong enough to pose a risk of electric shock to untrained personnel.

CAUTION:		
RISK OF ELECTRIC SHOCK. DO NOT OPEN		
SHOCK	CAUTION: To reduce the risk of electric shock. Do not remove the cover or back. There are no user-serviceable parts inside. Refer products to suppliers.	
CAUTION	To prevent electric shocks and the risk of fire hazards, do not use specified power sources.	



- CAUTIONS:**
- Please note the cameras operating temperature and it environment requirements. Avoid using the camera at too high or too low temperatures. The recommended operating temperature is -10~ +50°C.
  - To avoid damaging the light processor (CMOS), do not expose the camera lens to direct sun light or other bright light sources.
  - Do not mount the camera near a radiator or heater sources.
  - The power supply must match the requirements of the cameras. Ensure the output voltage, current, voltage polarity and operating temperature are within the range required by the camera power supply.
  - During a thunderstorm, please ensure an anti-thunder device is connected or disconnect the power supply to the camera.

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