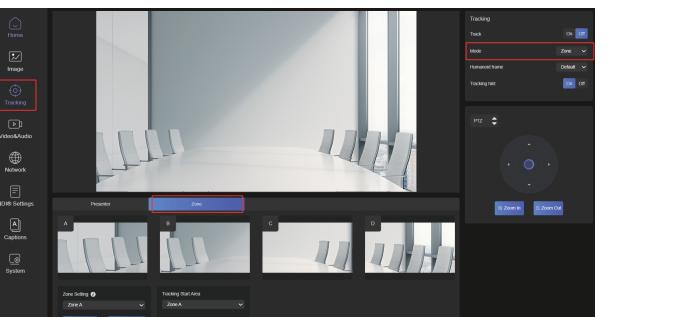
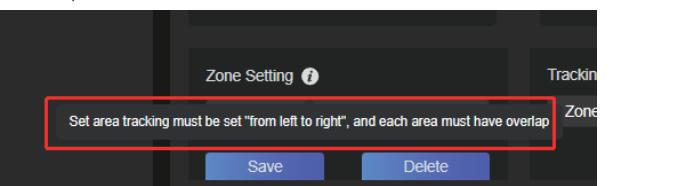


Setting procedures are as below:

Step 1: Tacking-Mode(Zone).

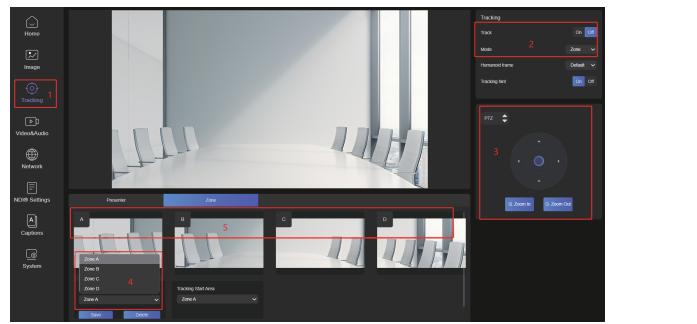


Step 2: Use the arrow keys and zoom keys on the WebUI to adjust the camera head's position, set multiple preset positions such as Zone A, and select 'Save'. Amount of preset positions depends on actual application needs. Currently, a maximum of 4 zones can be set. If the setting is wrong, it can be deleted or reset. The adjacent zones must overlap with each other and be arranged in sequence, but the serial letters assigned to name them may jump the alphabetical order (it can be C after A, not strictly B after C).

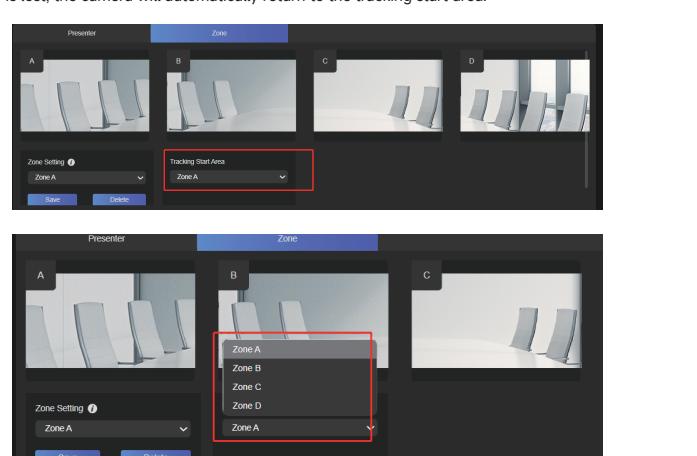


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Step 3: Tracking Start Area Setting: You can select any Zone as the tracking start area. When tracking is turned on, the camera will move to the tracking start area first if someone enters the area, the camera will automatically track. When the tracking target is lost, the camera will automatically return to the tracking start area.



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6. Common Operation Instructions

6.1 Camera Select

Set the IR remote control's address to control the corresponding camera, option item 1/2/3/4

CHANN SELECT
1 2 3 4

6.2 Camera Direction Control



Note: Press the direction key when you need to adjust the angle.

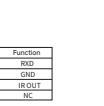
If you want to move the camera slowly, just click the direction key;

If you want to move the camera fast at a large scale, just long-press the button;

If you want to adjust the Pan-Tilt direction, just press and hold the L/R button for 10S.

Turning to default

6.8 RS-232 Interface Distribution



No.	Function	No.	Function
1	RS485	5	RS485
2	RS485	6	GND
3	TXD	7	RS485
4	GND	8	RS485

6.9 RS-485 Interface Distribution



6.3 Camera Focusing Mode Control

[AUTO FOCUS] Switch the focus mode to AUTO
[MANUAL FOCUS] Switch the focus mode to MANUAL
[FAR] Far focus manually
[NEAR] Near focus manually

6.4 Camera Zoom Control

Press any one of the 4 [ZOOM] to make the zoom functioning.
These 4 keys are not applicable for fixed focus cameras.



6.5 Preset Setup, Call, Cancel

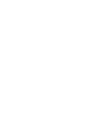
(1) Reserve Preset: Press [PRESET], then press one of the numbers (0-9) to reserve a preset that correspond to the NUMBER.

Note: You can setup 10 presets at most by the remote control.

(2) Call Preset: Press the NUMBER (0-9) directly to call the reserved preset.

Note: It won't work if there's no preset reserved in the corresponded number.

(3) Remove Preset: Press [RESET], then press one of the number (0-9) to remove a preset that corresponds to the NUMBER.



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7.2 How to add networking:

7.2.1 Open the computer network local connection attribute window select "Internet Protocol Version 4: TCP/IPv4";

7.2.2 Double-or-right-click "Internet Protocol Version 4 (TCP/IPv4)" window;

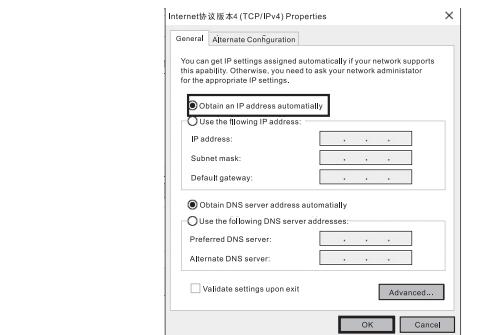
7.2.3 Enter the Internet Protocol Version 4 (TCP/IPv4) window.

7.2.4 Change the computer's IP to 192.168.0.206 so that the computer IP and camera IP are on the same network segment.

PS: If no network segment is added, You will fail to login. The default IP address of the product is 192.168.0.206. "0"network segment needs to be added to the computer.

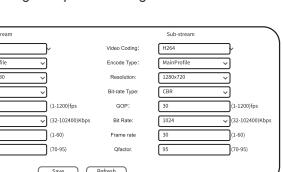
The IP address cannot conflict with the IP address of other computers or products. Before adding, please verify whether the IP already exists.

7.2.5 Click "OK" to save the settings.



7.5 Video streaming

7.5.1 Select "Setup" - "Video Settings" - "System Settings" to enter the following interface:



7.5.2 RTSP video streaming

Select "Setup" - "Network Settings" - "RTSP" to enter following interface:



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7. Network Function

7.1 Equipment installation

1. Press [AI] button to enter auto selection mode and start free auto-tracking.
Press [AI] button again to exit auto selection mode.

2. In auto selection mode, press [] button to enter Presenter tracking mode.

A green frame will appear when there are two or more people present.

You can log into the camera's web interface with the default or modified IP.
(Different models have different IP, please check the default IP at the bottom of the camera.)

7.1.1 How to query the IP address of your PC (Note the text in the box)

7.1.2 DIP Switch Setup

DIP	HDMI	SDI
0	1080P60	1080P60
1	1080P50	1080P50
2	1080i60	1080i60
3	1080i50	1080i50
4	720p60	720p60
5	720p50	720p50
6	1080p30	1080p30
7	1080p25	1080p25
8	RSVD	RSVD
9	RSVD	RSVD
A	1080p60*	1080p59.94
B	1080i60*	1080i59.94
C	1080p30*	1080p29.97
D	RSVD	RSVD
E	RSVD	RSVD
F	720p60*	720p59.94

(1) Default Format Mode: DIP, Setting path: MENU-SETUP
(2) Two options for Format Mode: DIP and OSD
(3) When choosing DIP, the corresponding resolutions for the DIP values on the table above will be output. Default resolution is 1080P60, when DIP is 8, 9, E, F.



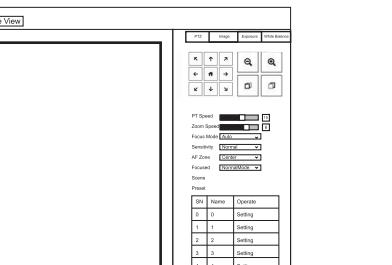
(4) When choosing OSD, HDMI Format at the next line will display the video resolution, and the resolution is optional.



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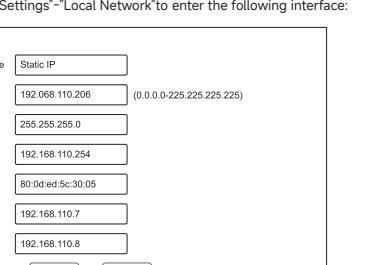
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7.3.2 After successfully login, you will enter the Video viewing interface. In the setting interface, you can set Pan and tilt control, Zoom, Focus, and set, call, clear of presetpositions, etc.



7.4 Modify the camera IP and computer IP on to the same network segment, so that the computer network is not affected.

7.4.1 Select "Setup" - "Network Settings" - "Local Network" to enter the following interface:



7.4.2 Change the camera IP address to: 192.168.110.206
7.4.2 Default Gateway: 192.168.110.254
7.4.3 Alternate DNS: 192.168.110.7
7.4.4 Preferred DNS: 192.168.110.8
7.4.5 Return PC's IP to the original IP address, and select Obtain an IP address automatically.

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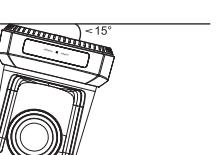
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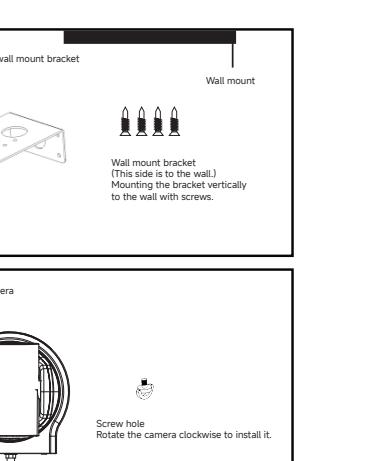
8. Installation Instructions

8.1 Surface Installation

Put the camera on the desk flatly, and make sure the camera is in a horizontal position.
If you want to put the camera on an oblique surface, please make sure the angle of inclination is less than 15 degrees to ensure the camera pan and tilt work in normal operation.



8.2 Wall Mount Installation



9. Trouble Shooting

Before requesting service to service engineer, please refer to the following methods to remove failures. If the failures still can't be solved, please contact us for assistance.

Q: The video of the camera cannot be displayed on the screen.
A: Please check the connection between power cable, video cable, camera and monitor, fix the connector on each end.

Q: It's unable to Pan, Tilt and Zoom camera.
A: Because the menu was displayed on monitor. Please re-operate after exiting the menu

Q: Why the camera rotates for about 10 seconds after power on?
A: This is the normal self-test of the camera

Q: Poor Image quality while using in church or other low-light conditions.
A: Press menu (ON/OFF) to adjust backlight effect to suit the church lighting properly.

Q: Remote control is not working or insensitive.
A: ①Not work, please replace batteries.
②Not sensitive: Choose the correct "IR select" number to correspond to the camera.

Control the camera within 10m (32.8ft). Remove the obstacles. Aim at the sensor which is in front of the camera when controlling it.

Q: USB interface is not identifiable.
A: Please check if the USB cable and extension cable are well connected or not. If yes, change to another USB interface and try to connect again.

Q: It won't be controlled via RS-232/RS-485 when camera connect to PC.
A: Make sure it is a correct connection between the camera and PC.(Reference to RS-485 and RS-232 Pins distribution on page 16).

Q: Why no ceiling mount bracket?
A: Camera comes with wall mount, ceiling mount or tripod brackets need to buy separately.

Q: Does this camera has built-in mic?
A: No, this camera comes with no built-in mic.

Q: Can we control the camera only by the remote control?
A: You can control the camera by remote control, keyboard controller (joystick), and software.

7.4.11 Open upgrade file to Upgrade automatically if needed.
7.4.12 Restart the camera and prompts "Upgrade succeeded". Log in to the network and check whether the software version is consistent with the upgrade file to ensure that the upgrading is successful. Then click "Restore factory default" to restart and restore the parameters to the factory default setting. (IP default 192.168.0.206, User default: admin, password default: admin)

7.4.13 Change the camera IP address to: 192.168.110.206
7.4.14 Default Gateway: 192.168.110.254
7.4.15 Alternate DNS: 192.168.110.7
7.4.16 Preferred DNS: 192.168.110.8
7.4.17 Return PC's IP to the original IP address, and select Obtain an IP address automatically.

7.4.18 VISCA over IP
VISCA Protocol is transmitted through IP to reduce RS232/RS485 cabling(the controller must support IP communication)
Communication Port Specification:
Control Port: RJ45
IP Protocol: IPv4
Transmission Protocol: Sony VISCA;
IP address: Setting through the web
Port address: Sony VISCA(52381)
Application Range: Under the same network segment

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