



### 7.3 Level 2 Menu - Color

Color	
→ Brightness	50
Contrast	50
Hue	50
Saturation	50
Sharpness	50
WB Mode	Auto
Rtuning	00
Btuning	00
[Return]	

Brightness: Optional item is 0-99  
 Contrast: Optional item is 0-99  
 Hue: Optional item is 0-99  
 Saturation: Optional item is 0-99  
 Sharpness: Optional item is 0-99  
 WB mode: Auto/Manual/VAR/Indoor/Outdoor/Onepush  
 When the WB mode is Auto, the Rtuning and Btuning value can be tuning.  
 The range is 0 to 99.  
 When the WB mode is Manual, the sub-menu will be as shown below:

### 7.4 Level 2 Menu-Image

Image	
→ Flip	Off/On
Mirror	Off/On
Video Format	1080P60
Menu Mirror	Off
USB Mode	ISOC/BULK
UVC Format	YUY2
Style	Normal/PC/Bright
HDMI Mode	Force
[Return]	

Flip: Enable/disable the picture up/down flip  
 Mirror: Enable/disable the picture left/right flip  
 Video Format: 4K30(Only available for 4K 12x Zoom)/1080P60/1080P50/  
 1080P30/1080P25/720P60/720P50  
 Menu Mirror:Off/On  
 USB Mode: ISOC/BULK  
 USB mode: Adjust between Isochronous transfers mode and Bulk

transfers mode  
 UVC Format:YUY2  
 Style Mode: Normal, PC, Bright  
 HDMI Mode:Force

### 7.5 Level 2 Menu- P/T/Z

P/T/Z	
→ Acc Curve	Fast/Middle/Slow
L/R SET	On/off
ZOOM Speed	6
AF Zone	Bottom
AF Sense	Low
AF Scene	Normal
[Return]	

Acc Curve: Fast/Middle/Slow  
 L/R SET: On/Off  
 Zoom Speed: Optional items are 0-7  
 AF Zone: Bottom/Left/Right/Front/Top/Middle  
 AF Sense: Normal/High/Low  
 AF Scene: Normal/Macro/Live

### 7.6 Level 2 Menu - Communication

Communication	
→ Protocol	Auto
Baudrate	9600
RC Address	All
[Return]	

Protocol: Option items are Auto/Visca/PELCO-D/PELCO-P

Baudrate: Option items are 2400/4800/9600/38400

RC Address: Set the IR remote control's address to control the corresponding camera.

Option items are ALL/1/2/3/4.

Address: Set the camera's address. Option items are 1-7 in Visca, 0-255 in PELCO-D, 0-31 in PELCO-P.

### 7.7 Level 2 Menu -Information

Information	
Model	UHD Camera
PTZ Version	1.0.1.1
SOC Version	1.1.134
→ AF Version	1.22
IQ Version	3.02.001
HW Version	1.2
IP	192.168.0.206
[Return]	

Model: UHD Camera (FHD for 1080P Camera and UHD for 4K Camera)

PTZ Version: 1.0.1.1

SOC Version: 1.1.32

AF Version: 1.0.1

IQ Version: 3.02.001

HW Version: 1.2

Notice: The version number here is just an example. The actual parameters shall prevail.

### 7.8 Level 2 Menu - Restore Default

Restore Default	
→ Yes	
No	
[Return]	

### Steps:

- 1)Access camera's web interface.
- 2)Enter <http://192.168.0.206> in a browser.
- 3)Navigate to: Setup > Network Settings > Local Network.
- Update settings:  
 IP Address: 192.168.x.206 (match your subnet, e.g., 192.168.1.206)  
 Subnet Mask: 255.255.255.0  
 Default Gateway: 192.168.x.xxx (typically your router's IP, e.g., 192.168.1.1 or 192.168.1.254 )

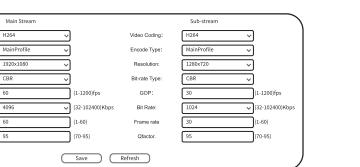
### 8.4 IE Login

Input <http://192.168.0.206> to IE (better with IE or Google web browser), a login window will pop up, input user name: admin, password: admin, language: English. After successfully login, you can do preview, configurations, etc.



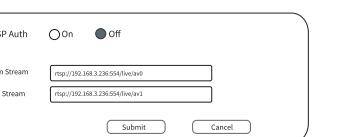
### 8.5 Video streaming

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



### 2)RTSP video streaming

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



## 8. Network Function

### 8.1 Equipment Installation

Connect the camera to either a PC's external network port via Ethernet cable, or an Internet network through a router/switch. Access the camera's web interface by entering its IP address in a web browser (default IP varies by model - refer to the label on the camera's bottom).

### 8.2 Configure Computer IP to Match Camera's Network

Purpose: Ensure computer and camera are on the same subnet for communication.

- 1)Open Network Adapter Settings

    Navigate to:  
 Control Panel > Network and Sharing Center > Change adapter settings

- 2)Configure IPv4 Settings

    From the list, double-click:  
 \*Internet Protocol Version 4 (TCP/IPv4)\*  
 (or select it and click Properties)

- 3)Add IP Address Manually

    Select:  
 Use the following IP address

    Enter:  
 IP Address: 192.168.0.xxx (e.g., 192.168.0.245)

    Subnet Mask: 255.255.255.0

    Default Gateway: 192.168.0.xxx  
 (typically your router's IP, e.g., 192.168.0.1 or 192.168.0.254)

- 4)Finalize Changes

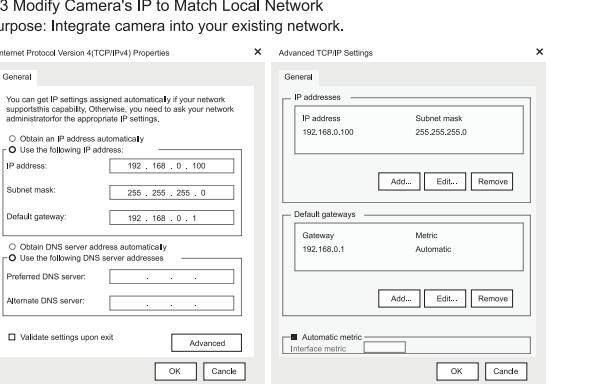
    Click OK to close all configuration windows

    Changes take effect immediately

### 8.3 Modify Camera's IP to Match Local Network

Purpose: Integrate camera into your existing network.

Internet Protocol Version 4(TCP/IPv4) Properties



Configure parameters according to the network environment.

For example, Camera default IP Address: 192.168.0.206

Here is the way to get RTSP video streaming.

Default RTSP main streaming address: <rtsp://192.168.0.206:554/live/av0 Main>

Default RTSP sub streaming address: <rtsp://192.168.0.206:554/live/av1 Sub>

### 3) RTMP video streaming

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



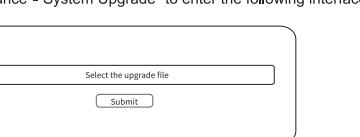
Enable and turn on the RTMP video stream to the server

Server URL: server address, which can be domain name or IP address

Streaming code: Persistent Stream Key/Name

### 8.6 Software upgrade (upgrade if there is a new version)

Select "Setup"-"Maintenance"-"System Upgrade" to enter the following interface:



- 1)Open the upgrade file to Upgrade automatically if needed.

- 2)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)

### 8.7 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

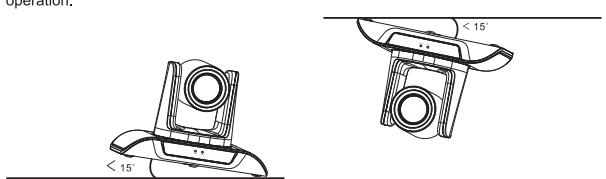
Port address: Sony VISCA(52381)

Application Range: Under the same network segment

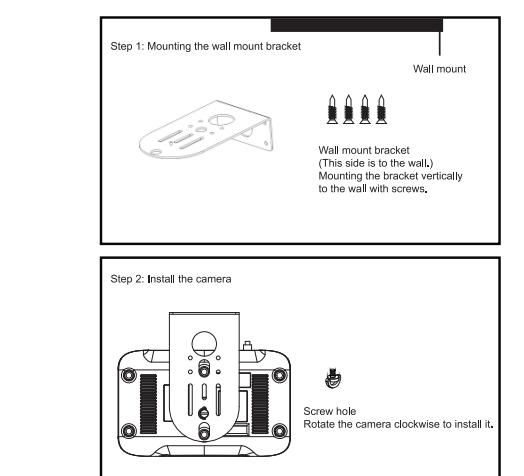
## 9. Installation Instructions

### 9.1 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.



### 9.2 Wall Mount Installation



## 10. 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 property.

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 12).

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

材质:100g书纸, 黑白双面印刷

尺寸: 说明书大小 495\*297(w\*h)左右4折5页再对折  
折叠后 99\*148.5mm(w\*h)