



#### 5.4 Level 2 Menu-Image

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

Flip: Enable/disable picture flip vertically (up/down)

Mirror: Enable/disable picture flip horizontally (left/right)

Video Format: 1080P60/1080P59.94/1080P50/1080P30/1080P29.97/1080P25/720P60/

720P59.94/720P50/720P30

Menu Mirror:Off/On

USB Mode: ISOC/BULK

USB mode: Switch between Isochronous transfers mode and Bulk transfers mode

UVC Format:YUY2, MJPG

Style Mode: Normal, PC, Bright

HDMI Mode:Force, Auto

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

P/T/Z	
→ Acc Curve	Middle
L/R SET	Off
ZOOM Speed	7
AF Zone	Center
AF Sense	Normal
AF Scene	Normal
D-Zoom Limit	Off
[Return]	

Acc Curve: Fast/Middle/Slow

L/R SET: On/Off

Zoom Speed: Optional items are 1-8

AF Zone: Bottom/Left/Right/Wide/Front/Top/Center

AF Sense: Normal/High/Low

AF Scene: Normal/Macro

D-Zoom Limit: Off/x2/x4/x8(Only for 12x/20x Optical Zoom)

#### 5.6 Level 2 Menu - Communication

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

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

Baudrate: Option are 2400/4800/9600/38400

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

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

Visca ACK: On/Off

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

#### 5.7 Level 2 Menu - Tracking

Main Menu	
→ Exposure	
Color	
Image	
P/T/Z	
Communication	
Tracking	Auto Framing
Information	
Restore Default	
Language	English
[Home]	Enter
[Menu]	Back

Tracking: Off/Presenter/Auto Framing

1. Select Framing Tracking Mode under "Tracking Mode" in the "Menu", then exit the menu to activate Auto Framing Tracking Mode.

2. Presenter Tracking Mode: Select "Presenter Tracking Mode" under "Tracking Mode" in the "Menu", then exit the menu to activate Presenter Tracking Mode. Use the "Left/Right buttons" to select the target person, then press the "【△】" to confirm and start tracking.

3. Disable Tracking: Select "Turn Off" in the "Menu" to deactivate the current tracking mode.

#### 5.8 Level 2 Menu -Information

Information	
Model	FHD Camera
PTZ Version	1.0.2.5
SOC Version	1.1.141
AF Version	3.22
→ IQ Version	1.04.001
HW Version	1.2
[Return]	

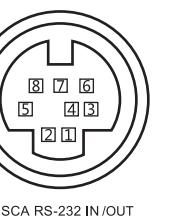
Notice: 1.FHD for 1080P Camera and UHD for 4K Camera;  
2.The version number shown is for reference only. Please refer to the actual parameters for accuracy.

#### 5.9 Level 2 Menu - Restore Default

Restore Default	
Yes	
No	
→ [Return]	



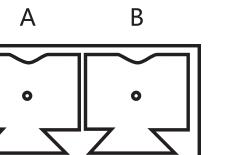
#### 6.6 RS-232 Interface Distribution



1.N.C.  
2.N.C.  
3.TXD  
4.GND  
5.RXD  
6.N.C.  
7.N.C.  
8.N.C.

#### 6.7 RS-485 Interface Distribution

PIN NUM	FUNCTION
A	DTR IN+ (connect to RS-485)
B	DSR IN- (connect to RS-485)



#### 8. Trouble Shooting

Before requesting service from our engineers, please try the following troubleshooting methods. If the issue still cannot be resolved, please contact us for further assistance.

Q: The video of the camera cannot be displayed on the screen.

A: Please check the connections between the power cable, video cable, camera, and monitor, and make sure both ends of each connector are securely fastened.

Q: Why is there no image when connecting HDMI cable to TV?

A: Because the TV resolution does not match the camera resolution. Please connect the camera to the computer via USB to retrieve the image first, and then use the remote control to adjust the camera's resolution and frame rate to match your devices.

Q: It's unable to Pan, Tilt and Zoom camera.

A: Because the camera is in tracking mode or the menu was displayed on monitor. Please re-operate after exiting the tracking mode and 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: Change the picture setting in the menu from automatic to manual, and set the corresponding parameters to adjust the image quality.

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).

Q: Why no ceiling mount bracket?

A: Camera comes with wall mount bracket. Ceiling mount or tripod brackets need to buy separately.

Q: Does this camera have 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, joystick keyboard controller, and software.

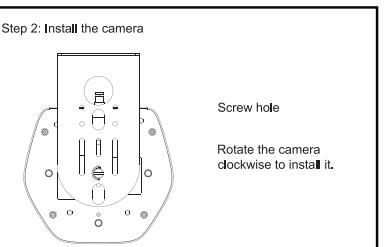
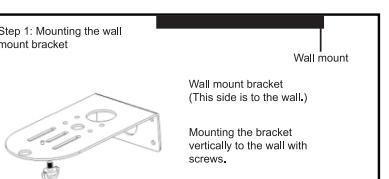
#### 7. Installation Instructions

##### 7.1 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.



##### 7.2 Wall Mount Installation



Q.A.

材质：100g 书纸，黑白双面印刷

尺寸：说明书大小 396\*297 (wh) 左右 3 折 4 页再对折  
折叠后 99\*148.5mm (wh)