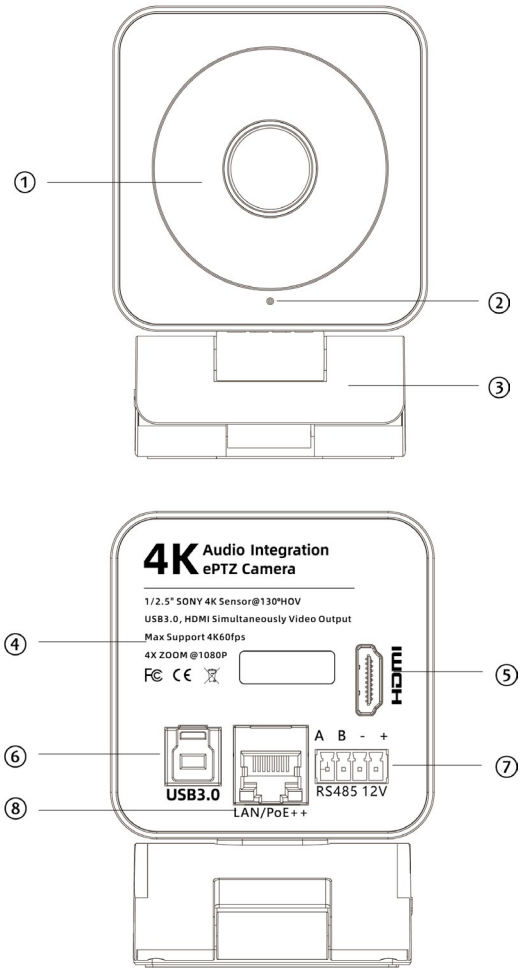
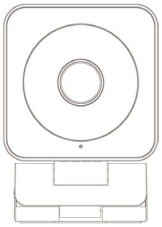
4K Audio Integrated All-in-One ePTZ Camera User Manual (V1.3)

1 Camera Interface

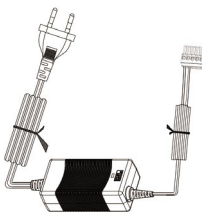


No.	Explain	No.	Explain
1	Lens	5	HDMI 2.0 Interface
2	Array Microphone	6	USB 3.0 Interface
3	Brackets with Damper	7	RS485 & Power
4	Product Label	8	LAN

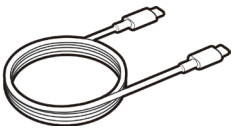
2 Packing Box



ePTZ Camera ×1



Power Adapter ×1



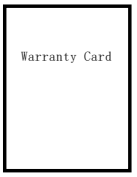
USB 3.0 Cable ×1



Remote control ×1



User Manual ×1



Warranty Card ×1



Certificate ×1

3 Specification

Camera

Image Sensor	Sony 1/2.5″ CMOS
Effective Pixel	8.0 Megapixels
Lens	F = 2.2mm, FOV 130°
Zoom	4X Digital Zoom
Min Illumination	0.1Lux @ F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
Auto Focus	Support
White Balance	Auto / Indoor / Outdoor/ ONE PUSH / Manual
Digital Noise Reduce	2D&3D
BLC	Support
Image Mirror/Flip	Support
Microphone	Built-in Microphone
Voice Pickup Range	8 Meters

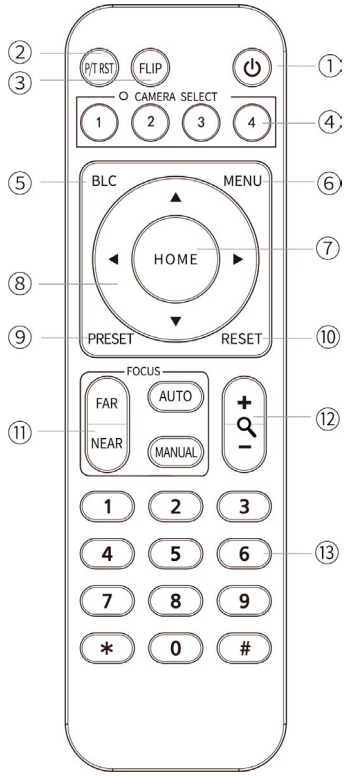
Interface

Video Output	USB3.0、HDMI2.0
Video Output Format	2160P60/59.94/50/30/29.97/25 1080P60/59.94/50/30/29.97/25 1080i60/59.94/50 720P60/59.94/50
Encoding	H.265、H.264、MJPEG、 YUV（USB interface only）
Control interface	RS485、RJ45（UDP）
Control Protocol	PELCO-P/D、Visca Over IP、ONVIF、 UVC（USB interface only）
Baud Rate	2400/4800/9600/19200/38400bps
Audio Output	USB3.0、HDMI2.0
Audio Compression	ACC、G711A、G711U
Network Interface	1000M network port（10/100BASE-TX）
Power Interface	Phoenix Terminal - DC12V、POE

Generic

Input Voltage	DC12V
Operation Temperature	-10℃ -+50℃
Storage Temperature	-40℃ ~ 60℃
Camera Brackets	Adjustable Bracket
Dimensions (L*W*H)	70*70*56mm(Bracket not included)

4 Remote Controller Specification



No.	Key	Function	
1	Power Key	After pressing, the camera enters standby mode	
2	P/T RST Key	After pressing, the camera enters self-check	
3	Flip Key	Set the camera image to flip	
4	Camera Select Key	Select the camera to be controlled	
5	BLC Key	Turn on/off BLC	
6	Menu Key	Enter/Exit Menu	
7	HOME Key	1. Return to the camera centre position	Press "HOME" button to return to the camera centre position
		2. Restart	After opening the menu, when no resolution and AI/normal mode are selected, press HOME button to restart the camera
		3. Resolution switching	After opening the menu,press HOME button to switch Resolution in submenu "video output"
8	Camera PTZ Control Key	Press the corresponding buttons to adjust the angle of the lens	
9	Preset Setting Key	Press Number button "1-9",then press "Preset" button to save the Presets	
10	Preset Reset Key	Press Number button "1-9",then press "Reset" button to delete the presets	
11	Focus Key	[AUTO]:Automatic focus [MANUAL]: Manual focus [FAR]: Manual focus, make the far object clearer [NEAR]: Manual focus, make the near object clearer	
12	Zoom Key	[+]makes the camera to zoom in [-]makes the camera to zoom out	
13	Number Key	Cooperate with setting / calling Preset	

5 Precaution

Electrical Safety

Confirm country and local electrical safety standard when using or installing theproduct. The product itself has no power switch, Please stop power supply orplug out power socket when it is not in good working. Video wire and control wire should be insulated and individual connected, can't mix-up with other wires.

Transportation with Care

Product should be protected against extremes of stress, vibration and moisture in transport, storage and installation. It is transported by integrated packing style.

Power Supply

Product supplies 12V DC power, POE optional.

Installation with Care

Product should be put on stable horizontal table, and does not be installed at a tilt,or else, which may cause tilted image.

Don't focus the camera direct to the sun or other bright objects no matter when in use or not.Otherwise,it may affect image quality.

Don't apply corrosive liquid, gas or solid, to avoid damaging the cover which is made up of plastic material.

Make sure there is no obstacle with the camera's rotational range when installing.

Never power on before installation has been completed.

Prohibited Unauthorized Disassemble

There is no part for users to disassemble voluntarily. The Company is not responsible for any unauthorized modification or dismantling.

6 FAQ Processed

Image Aspect

● No image on monitor

1) Please check whether the camera power supply is connected, and the voltage is normal, if the power indicator light is on.

2) Please check if the video format is compatible with the TV, monitor or display.

3) Please check whether the USB or HDMI interface is connected correctly, or whether the device is recognised.

● Image is flashing

Please check if the cables of the video platform and TV are connected correctly.

● The image is shaky when the camera is zoomed in to its maximum magnification

1) Please check if the camera is securely installed.

2) Please check if there are any vibrating machine or objects next to the camera Control.

Control Aspect

● The remote control can't control the camera

1) Please check and replace the new battery of remote control.

2) Please check if the camera works in the correct mode.

7 RoHS Declaration

Component	The Hazardous Substances or Elementary Name					
	Pb	Hg	Cd	CrVI	PBB	PBDE
Metal	×	○	○	○	○	○
Plastic	○	○	○	○	○	○
Glass	×	○	○	○	○	○
Circuit Board	×	○	○	○	○	○
Mains	×	○	○	○	○	○
Accessory	×	○	○	○	○	○

This table was developed according to the provisions of SJ/T 11364

○ :The content of such hazardous substance in all homogeneous materials of such component is below the limit required by GB/T 26572.

×: The content of such hazardous substances in all homogeneous materials of this component exceeds the limit specified in GB/T 26572, and currently, there is no mature alternative solution.