

# EASY VIEW Camera 4k ePTZ

## Product Content & Operation

English

## ATTENTION

This manual introduces functions, installation, and operation for this camera in detail. Please read this manual carefully before installation and use.

### 1. Cautions

- 1.1 Avoid damage to the product caused by heavy pressure, strong vibrations or immersion during transportation, storage, and installation.
- 1.2 Do not expose the product to rain or moisture.
- 1.3 To prevent the risk of electric shock, do not open the device. Installation and maintenance should only be carried out by qualified technicians.
- 1.4 Do not use the product beyond the specified temperature, humidity, or power supply specifications.
- 1.5 Wipe it with a soft, dry cloth when cleaning the camera lens. Wipe it gently with a mild detergent if needed. Do not use strong or corrosive detergents to avoid scratching the lens and affecting the image quality.
- 1.6 This product contains no parts which can be maintained by users themselves. Any damage caused by dismantling the product by user without permission is not covered by its warranty.

### 2. Electrical Safety

Installation and use of this product must strictly comply with local electrical safety standards.

### 3. Install

- 3.1 Do not rotate the camera head violently, otherwise it may cause internal mechanical failure.
- 3.2 This product should be placed on a stable desktop or other horizontal surface. Do not install the product obliquely, otherwise it may display inclined image.
- 3.3 Ensure there are no obstacles within rotation range of the holder.
- 3.4 Do not power on before completing installation.

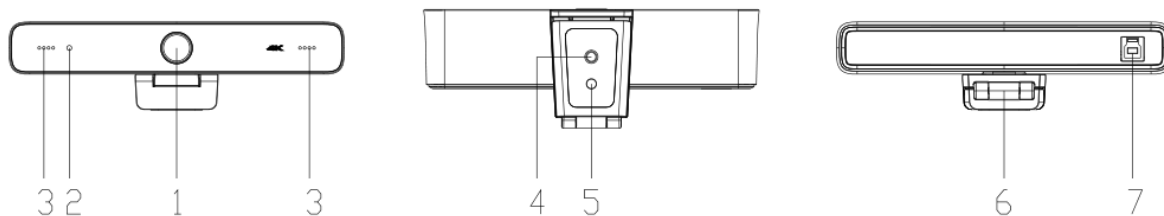
### 4. Magnetic Interference

Electromagnetic fields at specific frequencies may affect the video image. This product is Class A. It may cause radio interference in household application. Appropriate measure is required.

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# 1. CAMERA DETAILS



- 1. Camera Lens
- 2. Indicator light
- 3. Built-in MIC
- 4. Tripod fixing hole
- 5. Positioning hole
- 6. Bracket
- 7. USB-B 3.0 Connector

## 1.1 INCLUDED ACCESORIES.

ITEMS
IR Remote Control
USB 3.0 Cable
User Manual

# 2. REMOTE CONTROL



### 1. Infrared indicator light

### 2. Stand By

The device enters standby mode after pressing it once and wakes up after pressing it again.

### 3. Menu Button

Enter/exit the OSD menu or return to the previous menu.

### 4. Pan/Tilt Control

Up: press Down: press

Left: press Right: press

Press and hold the up/down/left/right key, the pan/tilt movements will keep running.

【OK】 : Camera lens back to the middle position; Enter next menu

### 5. Number key

Number keys 1, 2, 3: to preset positions settings.

Note: Short press for 1s [preset position recall]; long press for 3s [preset position setting]

Long press for 5s [preset delete]

### 6. Zoom Control

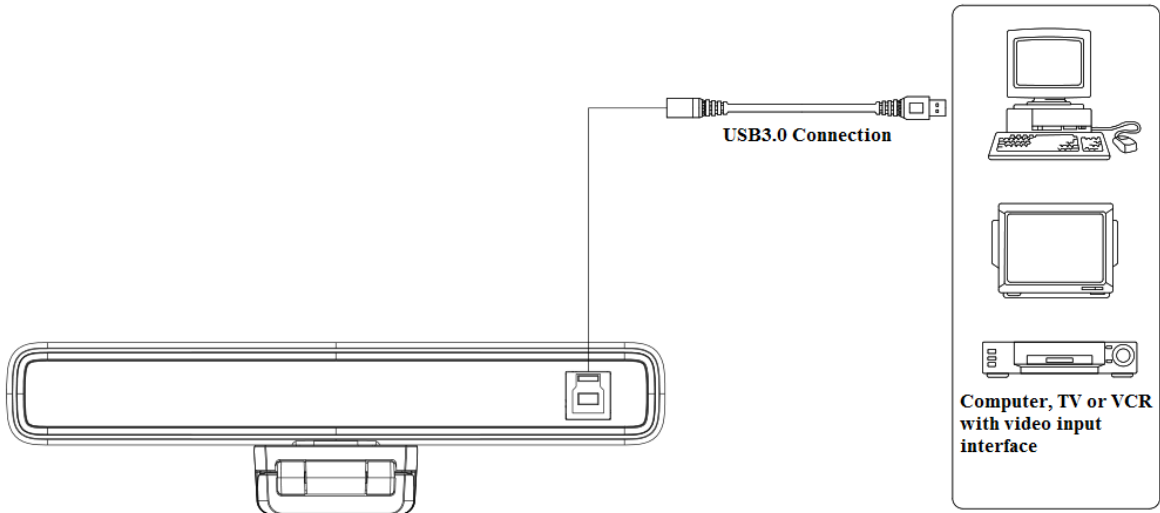
: press key to zoom in

: press key to zoom out

### 7. Auto Framing Function Key

# 3. OPERATING THE CAMERA

## 3.1 CAMERA CONNECTION



## 3.2 APPLICATION

1. In this manual, "press the key" refers to a click rather than a long-press, and a special note will be given if a long-press for more than one second is required.
2. When a key-combination is required, do it in sequence. For example, "【\*】 + 【#】 + 【F1】" means press "【\*】" first and then press "【#】" and last press "【F1】".



### 1) Infrared indicator light



1. Flashing (red): Sending instructions
2. No flashing: do not send instructions

### 2) Standby, Menu Setting



1. Standby button : turn on or turn off the camera image
2. Menu key : call up the camera OSD menu

### 3) Pan/Tilt Control



Rotate up: press **▲** key rotate down: press **▼**

Rotate to the left: press the **◀** key

Rotate to the right: press the **▶** key

Middle position: press **OK** key

Long press the up, down, left, and right rotation buttons, it will continue to rotate from slow to fast until the end of the stroke; release it halfway to stop the rotation.

### 4) Preset position setting, calling, deleting



**1. Save the preset position:** Long press (within 3s-5s) one of the keys 1 to 3, and a preset a position corresponding to the number key will be saved.

**2. Call the preset position:** directly press the number keys 1 to 3 to call the saved preset position.

**3. Delete preset position:** Long press (5s) one key 1 to 3 to delete a saved preset position corresponding to the number key.

**Note:** If the number key is not preset, it is invalid.

### 5) Zoom Control



1. Zoom in: press the **⊕** key

2. Zoom out: press **⊖** key

3. If you long press these two buttons, it will continue to zoom in/out; release it halfway to stop zooming.

### 6) Auto Framing Function On/Off

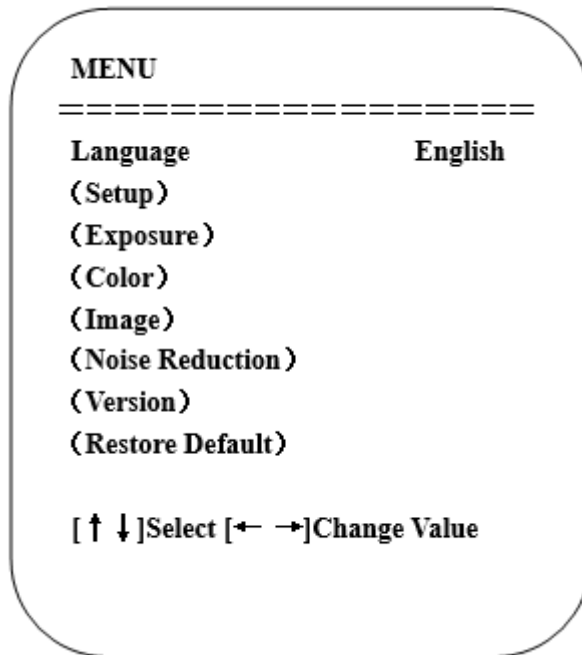


**Turn on/off Auto Framing Function**

## 3.3 MENU INTRODUCTION

### 3.3.1 MAIN MENU

Press **【MENU】** key under **MJPEG, YUY2, NV12 or H264 compression encoding format output** to display the menu, using scroll arrow to point at or highlight the selected items.

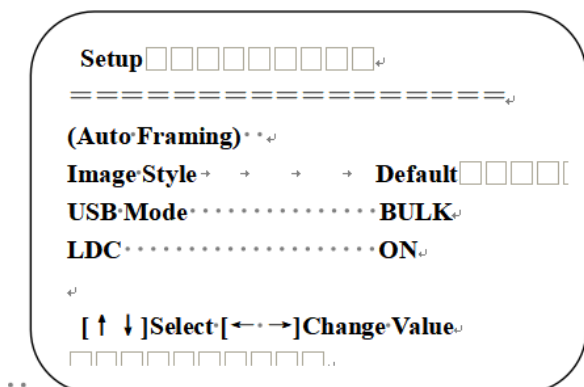


#### Language

Language Setting press the **【← →】** keys to select a Language

#### System Setting

Move the pointer to (Setup) in the Main Menu, click the **【HOME】** key and enter the (System Setting) as shown below:



**Image Style:** default / standard / clear / bright / soft can be set.

**Intelligent zoom:** on / off

**LDC:** On/OFF

## Exposure Setting

Move the pointer to EXPOSURE in the Main Menu, click the **【HOME】** and enter the (EXPOSURE SET) as follows:

EXPOSURE	
Mode	Auto
EV	OFF
BLC	OFF
Flicker	50Hz
G.Limit	6
DRC	3

[ ↑ ↓ ] Select [ ← → ] Change Value

**Mode:** Auto, Manual, Shutter priority and Brightness priority.

**EV:** On/Off (only available in auto mode)

**Compensation Level:** -7~7 (only available in auto mode when EV is ON)

**BLC:** ON/OFF for options (only available in auto mode)

**Anti-Flicker:** OFF/50Hz/60Hz for options (only available in Auto/Iris priority/Brightness priority modes)

**Gain limit:** 0~15(only available in Auto/ Iris priority /Brightness priority mode)

**WDR:** Off, 1~8

**Shutter Priority:**

1/30,1/50,1/60,1/90,1/100,1/120,1/180,1/250,1/350,1/500,1/1000,1/2000,1/3000,1/4000,1/6000, 1/10000 (only available in Manual and Shutter priority mode)

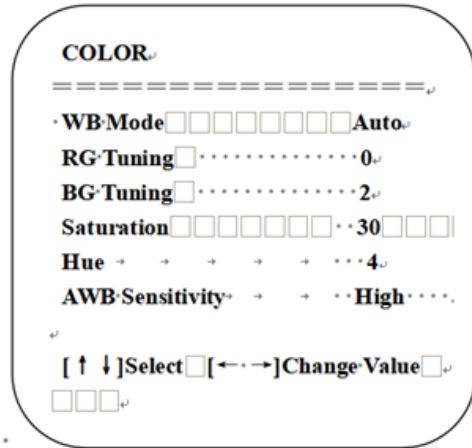
**Brightness:** 0~23 (only available in Brightness priority mode)

**Gain:** 0 to 15 (only valid in manual, shutter priority mode)



## Color

Move the pointer to the (COLOR) in the Main Menu, click the **【HOME】** and enter the (COLOR sub menu) as follow:



**WB Mode:** Auto, Manual, One Push, Specified color temperature

**Saturation:** 0-50

**AWB Sensitivity:** high/middle/low (only available in automatic mode)

**Chroma:** 0~8

**RG Tuning:** -10 - 10

**BG Tuning:** -10 - 10

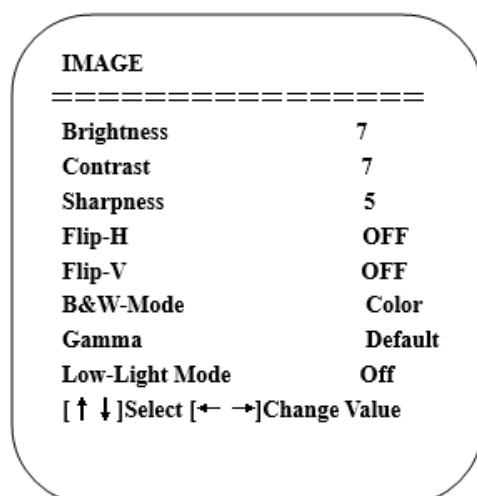
**Red Gain:** 0-255

**Blue Gain:** 0-255

**Color Temperature:** 2400K~7100K

## Image

Move the pointer to the (IMAGE) in the Menu, click the **【HOME】** and enter the (IMAGE sub menu) as follow:



**Brightness:** 0~14

**Contrast:** 0~14

**Sharpness:** 0~15

**Flip-H:** On/Off

**Flip-V:** On/Off

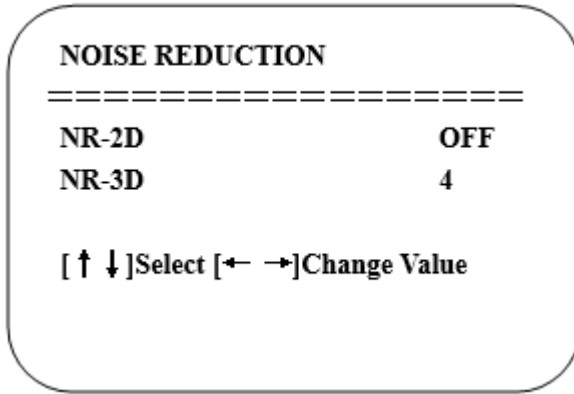
**B&W Mode:** color, black/white

**Gamma:** Default/0.34/0.39/0.47/0.5

**Minimum Illumination:** On/Off

## Noise Reduction

Move the pointer to the (NOISE REDUCTION) in the Menu, click the **【HOME】** and enter the (NOISE REDUCTION) as follow:

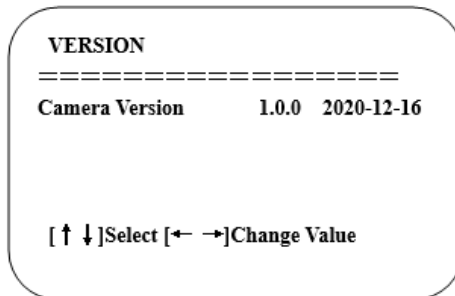


**2D Noise Reduction:** Auto, close, 1~7

**3D Noise Reduction:** Close, 1~8

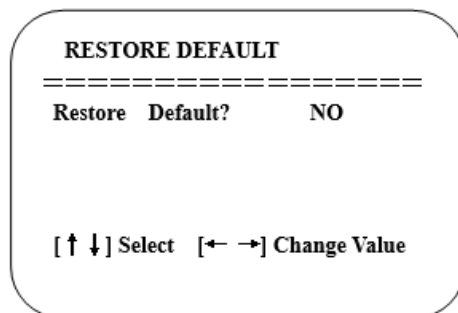
## Version

Move the pointer to the (VERSION) in the Main Menu, click the **【HOME】** and enter the (VERSION) as follow:



## Restore Default

Move the pointer to the (RESTORE DEFAULT) in the Main Menu, click the **【HOME】** and enter the (RESTORE DEFAULT) as follow:



**Note:** If the address of former remoter is not 1 but another one from 2, 3, 4, the corresponding camera address will restore to 1 when all parameters or system parameters are restored. User should change the remoter address to be 1 (press No.1 according to the camera so to get normal operation)

**Restore default:** YES/NO. Color style and video format cannot be restored to factory default

## 4. MAINTENANCE & TROUBLESHOOTING

### 4.1 CAMERA MAINTENANCE

- 1) Please power off the camera and disconnect the power adapter and wall-socket if it is not used for a long time.
- 2) Use soft cloth or tissue to clean the camera cover.
- 3) Wipe it with a soft, dry cloth when cleaning the camera lens. Wipe it gently with a mild detergent if needed. Do not use strong or corrosive detergents to avoid scratching the lens and affecting the video quality.

### 4.2 TROUBLESHOOTING

#### No video output

- Check whether the USB cable is correctly connected, and the power indicator light is ON
- Check whether the machine could do a self-check after restarting
- Restart your computer
- Check whether the video output cable or video display is normal
- Check whether the camera is properly recognized by your PC

#### Flickering image issue

- Check the USB cable quality and whether it is properly connected