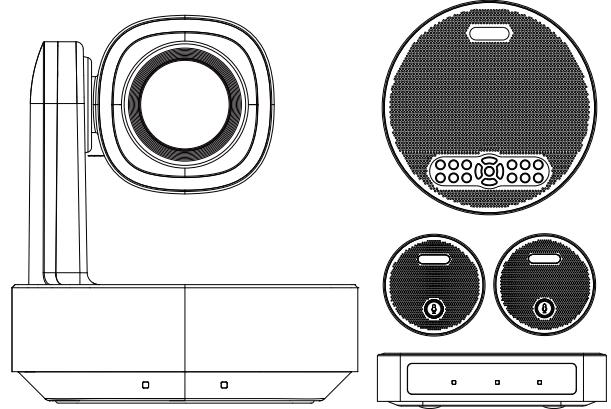


# Video Conferencing Group

## User Manual



Version V1.0-05.02.0266

Note: The extended microphones are optional.

### Warranty Certificate

(Please keep this for warranty claims)

#### User Information

Name: \_\_\_\_\_ Phone: \_\_\_\_\_

Email: \_\_\_\_\_ Postal Code: \_\_\_\_\_

Address: \_\_\_\_\_

#### Product Information

Model: \_\_\_\_\_

Barcode: \_\_\_\_\_

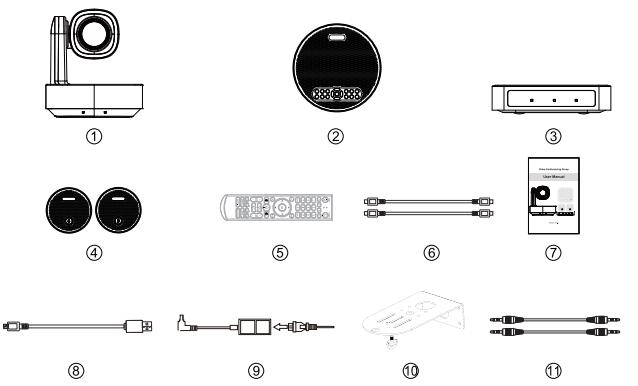
#### Fault Description

\_\_\_\_\_

#### Notes

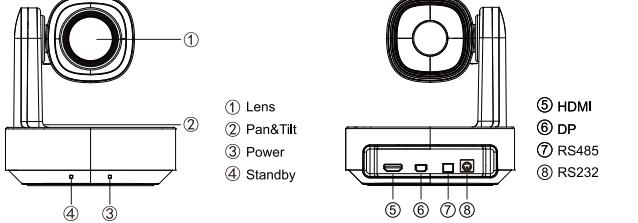
1. Please fill in your user information accurately and completely to ensure the repaired device can be returned to you promptly.
2. Specify the model, barcode, and provide a detailed description of the malfunction.

### 1. Packing List

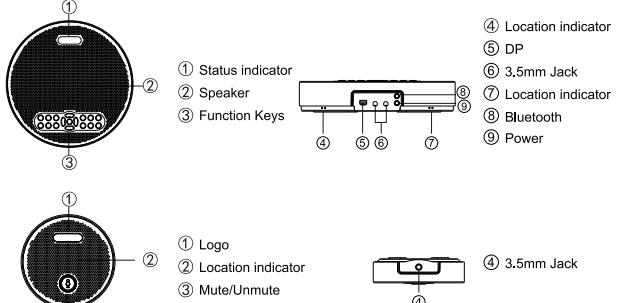


### 2. Product Overview

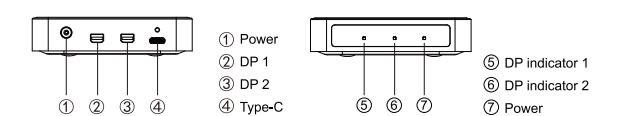
#### 2.1 HD Camera



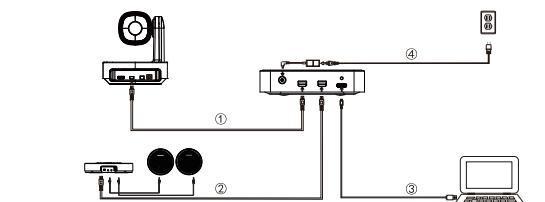
#### 2.2 Speakerphone



#### 2.3 Hub

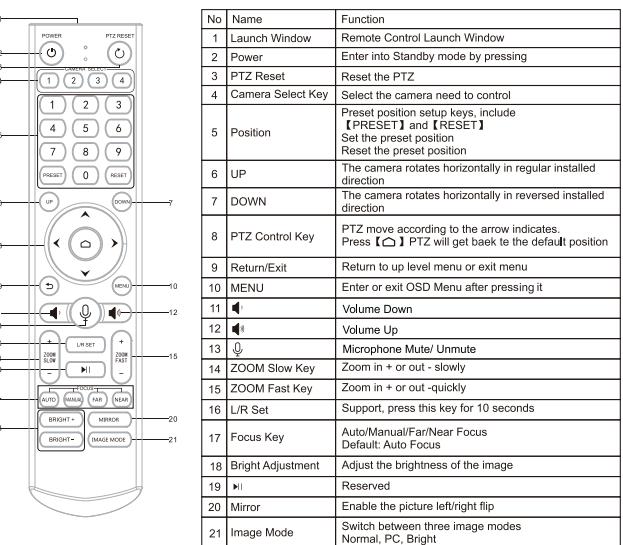


### 3. Connection Description



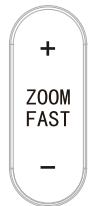
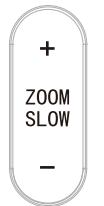
- ① Connect camera and Hub with original DP cable
- ② Connect the speakerphone and hub with original DP cable (Optional, Connect the extension microphones to the main speakerphone by 3.5mm jack cable)
- ③ Connect the computer to the Hub with the original USB cable
- ④ Connect with the original power adapter and power supply
- ⑤ After confirming that all connections are correct, open the conference software on the PC and select the corresponding camera, microphone and speaker to start the video conference.

### 4. Key Description of Remote Control



#### ★Attentions for Remote Control

1. Please check whether the indicator corresponding to the camera selection area is on or not.
2. If the remote control doesn't work, please replace batteries.
3. Make sure the number keys on the camera selection area are consistent with the remote control address in the menu.



#### 5.5 Preset Setup, Call, Cancel

- (1) Reserve Preset: Press 【PRESET】 then press one of the numbers (0-9) to reserve a preset that corresponds 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 corresponding number.
- (3) Remove Preset: Press 【RESET】 then press one of the number (0-9) to remove a preset that corresponds to the NUMBER.



#### 5.6 Speakerphone Volume +/-/ Mute

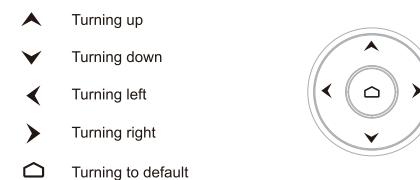
Volume Down  
 Volume Up  
 Microphone Mute/ Unmute

### 5. Common Operation Instructions

#### 5.1 Camera Select

Refer to the dial-up at the bottom of the camera and choose camera address number that you want to control (1-4).

#### 5.2 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.

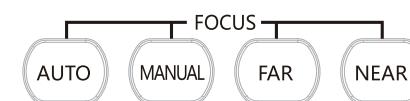
#### 5.3 Camera Focusing Mode Control

【AUTO FOCUS】 Switch the focus mode to AUTO

【MANUAL FOCUS】 Switch the focus mode to MANUAL

【FAR】 Far focus manually

【NEAR】 Near focus manually

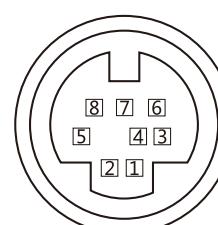


#### 5.4 Camera Zoom Control

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

### 6. Description of Control Interface

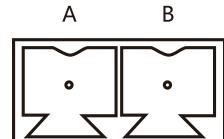
#### 6.1 RS-232 Interface Distribution



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

#### 6.2 RS-485 Interface Distribution

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



## 7. Menu Setup of HD Camera

When operating remote control, press **【MENU】** to enter main menu of the video camera.

### 7.1 Level 1 Menu- Main Menu

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

Tracking: off/Presenter/Autoframing

Language: Support Chinese/English

Press the **【△】** button on the Remote to enter level 2 sub-menu

Press the **【Menu】** button on the Remote to exit menu

### 7.2 Level 2, Menu- Exposure

Exposure	
→ Mode	Auto
Backlight	Off
ExpComp	-7~+7
Flicker	50Hz
[Return]	

Mode: Auto/Manual

Backlight: On/Off the backlight

ExpComp: Exposure compensation, optional item is -7 to +7

Flicker: 50Hz/60Hz/Off

When changing the exposure mode to Manual, the sub-menu is as follows:

Color	
→ Brightness	50
Contrast	50
Hue	50
Saturation	50
Sharpness	50
WB Mode	Manual
Rgain	40
Bgain	30
[Return]	

When the WB mode is VAR, the sub menu will be as follows:

Color	
Brightness	50
Contrast	50
Hue	50
Saturation	50
Sharpness	50
→ WB Mode	VAR
Color Temp	6600
[Return]	

The range for the color temp can be adjusted between 2500K to 9000K;

### 7.4 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	Auto
[Return]	

Flip: Enable/disable the picture up/down flip

Mirror: Enable/disable the picture left/right flip

Video Format: 4K30,4KP25,2KP60,1080P60,1080P59.94,1080P50,1080P30,1080P29.97,1080P25,720P60,720P59.94,720P50,720P30

### USB Mode: ISOC/BULK

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

UVC Format: YUY2/MJPEG

Style Mode: Normal, PC, Bright

HDMI Mode: Auto/Force

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

P/T/Z	
→ Acc Curve	Middle
L/R SET	Off
ZOOM Speed	1
AF Zone	Center
AF Sense	Normal
AF Scene	Normal
[Return]	

ACC Curve: Middle/Fast/Slow

L/R SET: Off/On

When On, the remote control press left, the PTZ camera moves to the left, the remote control press right, the PTZ camera moves to the right.

When Off, the remote control press left, and the PTZ camera moves to the right, the remote control press right, and the PTZ camera moves to the left.

ZOOM Speed: 1,2,3,4,5,6,7,8

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

AF Sense: Normal/High/Low

AF Scene: Normal/Macr

### 7.6 Level 2 Menu Communication

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

Communication	
→ Protocol	Visca
Address	0-255
Baudrate	9600
RC Address	All
[Return]	

Brightness: Set image brightness dynamically. Default 50, optional item 0-99

Contrast: Set image contrast dynamically. Default 50, optional item 0-99

Hue: Set the relative brightness of the image. Default 50, optional item 0-99

Saturation: Set image color effect. Default 50, optional item 0-99

Sharpness: Set sharpness level. Default 50, optional item 0-99

WB mode: Auto/Manual/VAR

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 follows ,

Communication	
→ Protocol	Visca
Address	0-255
Baudrate	9600
RC Address	All
[Return]	

Communication	
→ Protocol	Visca
Address	0-31
Baudrate	9600
RC Address	All
[Return]	

Protocol:Auto/Visca/Pelco-D/ Pelco-P  
Baudrate :9600/38400/2400/4800  
RC Address:All/1/2/3/4

### 7.7 Level 2 Menu-Information

Communication	
→ Model	4K Camera
PTZ Version	1.0.7.7
SOC Version	1.1.141
AF Version	1.22
IQ Version	3.02.001
HW Version	1.0
[Return]	

Model: 4K Camera

PTZ Version: 1.0.7.7

SOC Version: 1.1.141

AF Version: 1.22

IQ Version: 3.02.001

HW Version: 1.0

Note: The version number here is just an example, the actual parameters shall prevail.

Restore Default	
Restore?	No
[Return]	

## 9.2 Expansion Microphone Button Function

Button	Status	Function	OLED
	Mute Button	Mute/unmute for single microphone	Unmute: Green Muted : Red

## 9.3 LED Indicator Function

Bluetooth status indicator (only for Bluetooth device)	Blue light flashing	Bluetooth is pairing
	Green light on	Bluetooth connected
Microphone status indicator	Red light on	Microphone mute
	Green light on	Microphone working normally

Note: When adjusting the volume, the blue light of the volume status indicator will change with the volume. When the volume increase key is pressed, the blue light progress bar of the volume status indicator will increase; When the volume down key is pressed, the blue progress bar of the volume status indicator is reduced. When the volume is adjusted to off, the indicator is red. After adjusting the

材质:100克书纸 双面黑白印刷

尺寸: 展开前396\*297mm(W\*H)左右风琴3折4页后再上下对折

折叠后:99\*148.5 mm(W\*H)