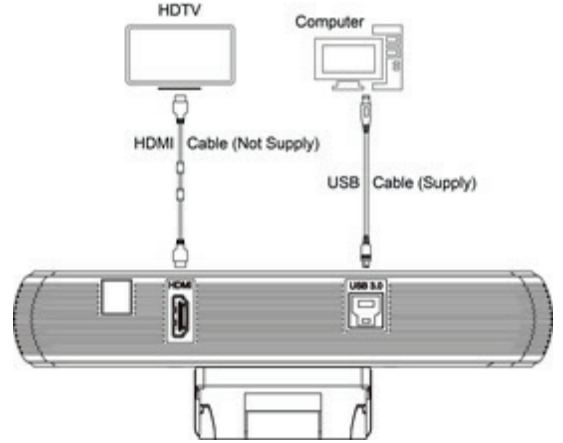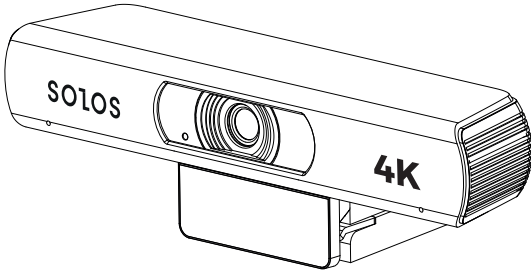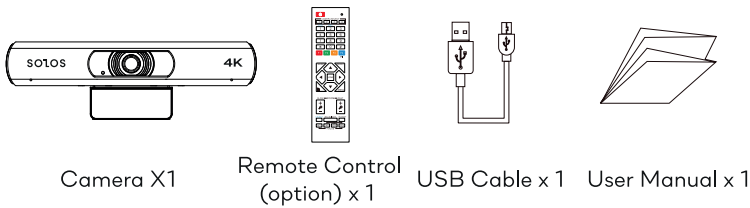# SOLOS Conference Camera 4K
SKU: SO-CC4K120-GY

1 Appearance and Interface

2 Packing List
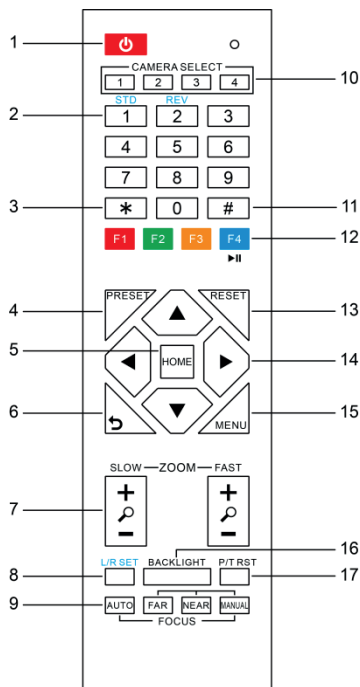

| Camera X1 | Remote Control (option) x 1 | USB Cable x 1 | User Manual x 1 |

3 Remote Control

4 Product Features

4K Ultra High Definition

Support 4K ultra high definition, up to 4K@30fps/25fps image output, Backward compatible with 1080p, 720p and other resolutions.

USB 3.0

Full function USB 3.0 interface, power supply, video and audio. Dual channels of USB video signal source and one channel audio source supported.

WDR

Support WDR, compatible with different lighting environments.

Built-in Microphone

Built-in microphone array with noise suppression algorithm
Maximize sound pickup distance up to 16'/5m.

Low-light

The 2D and 3D noise reduction algorithm reduces the image noise, even under the condition of ultra-low illumination, The SNR of image is up to 55dB.

Easy Installation

Standard damping rotary shaft support
Easy installation, Stable, and Reliable.

Remote Control Instruction

No.	Name	Function Description
1	Standby Key	Enter into standby mode (not support)
2	Number Key	Preset setting or transfer preset
3	*Key	Equipped with other keys for using
4	Preset Key	Preset: Setting Preset + Number key(0-9)
5	PTZ Control key	The PTZ will back to the middle position
6	Return Key	Return back the last level menu
7	Zoom Button	Making the lens wide angle/narrow angle slowly or quickly
8	Left/Right Setting Key	• Standard: Simultaneously press Left/Right setting key +1 • Reverse : Simultaneously press Left/Right setting key +2
9	Focus Key	auto/manual/far-end/near-end focus
10	Selection Key	Select the camera need to control
11	#Key	Need to equipped with other key
12	IR Remote Control Key	[*+# +F1/F2/F3/F4]: NO.1/2/3/4 address (not support)
13	Reset Key	Delete preset
14	PTZ control key	PTZ moved according to the arrow indicates after zoom
15	Menu Key	Enter or exit OSD Menu after pressed it
16	Backlight Key	Turn on/off backlight consumption (loop)
17	PTZ reset key	Only applicable to the PTZ cameras

SOLOS
www.solos-it.com

5 Safety Precautions

Careful installation

This product should be placed on the smooth surface. The shell of the product is an organic material and is strictly prohibited from contact with any liquid, gas or solid material that may cause corrosion to the shell.

Do not unauthorized disassemble

Please do not disassemble the product by yourself, which might lead to damage for components. And in this case, it is not covered by warranty.

⚠ Notice

Electromagnetic fields at specific frequencies may affect image of machine

6 Product Specifications

Camera	
Sensor	1/2.5 '', CMOS, Effective Pixel: 8.0M
Scanning Mode	Progressive
Lens Mount	M12
Lens Focus	3.5mm
Wide Angle	120°
Distortion	0.46%
Auto Focus	Support
Minimal Illumination	0.05 Lux @(F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Support
USB Features	
Operate System	Windows XP/2003/VISTA/7/8/10, Linux, Mac OS
Color/Compression	YUY2/MJPEG/H.264/NV12
Resolution	YUY2: 640x480(default), 640x360 • **MJPEG**: 3840x2160(default), 160x120, 176x144, 320x240, 352x288, 640x480, 720x576, 1600x896, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 640x360, 480x272, 424x240, 320x180, 1920x1080 • **H.264**: 1920x1080(default), 320x240, 352x288, 640x480, 720x576, 1600x896, 1280x720, 1024x768, 1024x576, 960x540, 848x480, 800x600, 800x448, 640x360, 480x270, 424x240, 320x180, 3840x2160 • **NV12**: 1920x1080 (default), 640x480, 1280x720, 640x360
USB Communication Protocol	UVC 1.0 ~ UVC 1.5
UVC PTZ	Support (EPTZ)
Input/Output Interface	
USB Interface	1 x USB 3.0: Type B, female
Physical Parameter	
Input Voltage	5V (USB power supply)
Current Consumption	0.5A (Max)
Operating Temperature	-10°C ~ 40°C

Storage Temperature	-40°C ~ 60°C
Power Consumption	3W
Size	7.8"x1.3"x1.7"/194 x 34 x 42mm(without bracket)
Net Weight	0.50kg/1.1lbs
MTBF	＞30000h

7 Troubleshooting

Image

Image have jitter when the camera lens at max multiple

1) Check whether the camera is mounted stably and properly.

2) Check whether there is a vibrating machinery or objects nearby that affect the camera.

Control

Remote control can not control

1) Check and replace the new battery for the remote controller.

2) Check whether the camera is in the proper working mode.

8 Toxic and harmful substances

Part Name	Toxic or harmful substances or elements					
	(Pb)	(Hg)	(Cd)	(CrVI)	(PBB)	(PBDE)
Metal	x	O	O	O	O	O
Plastic	O	O	O	O	O	O
Glass	x	O	O	O	O	O
Circuit board	x	O	O	O	O	O
Power	x	O	O	O	O	O
Attached	x	O	O	O	O	O

This form is compiled with SJ/T 11364.

O: Indicates that the hazardous substance in all homogenized materials of the component is subject to the limitation of the GB/T 26572 standard.

X: Indicates the hazardous substance in at least one of the components excess the GB/T 26572 limit standard, while there are no mature alternatives.

9 Warranty Card

Any non-human caused failures within one year from the date of purchase, are covered by Solos warranty, except the following situations.

● Damages due to the unauthorized product disassembly.

● Dangerous use of the product.

● Irresistible factors, such as fire, earthquake, lightning strike, etc.

● Warranty card does not match the information about the product.

User Name	
User Address/Post Code	
Contact Number	
Product Model	
Purchasing Date	
Invoice No.	

Please kindly fill the information form and keep it for warranty use, thanks

SOLOS
www.solos-it.com