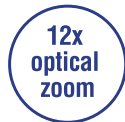


4K PTZ Video Conference Camera

RC91



▼ **AI intelligent tracking**

Built-in AI processor, using deep learning technology to use human shape features, no matter where the face is facing, it can achieve smooth automatic tracking of human shape, which is very suitable for automatic target tracking in lectures, lectures, teaching and other scenes.

▼ **4K Ultra HD**

With a new generation of SONY 1/2.8-inch, maximum 8.40 million pixels high-quality UHD CMOS sensor, 4K (3840x2160) ultra-high resolution images are available. And backward compatible with 1080P, 720P and other resolutions.

▼ **80 Wide-angle Lens + 12x Optical Zoom**

Use high-quality true 8 million ultra-high-resolution 4K ultra-wide-angle lens with 12x optical zoom and horizontal field of view up to 80 °.

▼ **HDMI2.0**

Support HDMI 2.0, it can directly output 4KP60 uncompressed digital video.

▼ **Low Light**

The application of 3D digital noise reduction algorithm greatly reduces image noise. Even under the condition of ultra-low illumination, it still keep the picture clean and clear, and the SNR of image is as high as 55dB.

▼ **Multiple Interfaces**

It supports HDMI 2.0 FHD output and 3G-SDI interface, the effective transmission distance up to 150 meters (1080P30).

▼ **Remote Control**

Through the RS232 and RS485 serial ports, the camera can be controlled remotely.

▼ **Intelligent Exposure**

Effectively solve the impact of projection, TV and other equipment on the people who are photographing.

SPECIFICATIONS

▼ CAMERA

Video System	HDMI: 4KP25, 4KP30, 4KP50, 4KP60, 4KP59.94, 4KP29.97, 1080P25, 1080P30, 1080P50, 1080P60, 1080P59.94, 1080P29.97, 1080I50, 1080I60, 1080I59.94, 720P50, 720P59.94, 720P60 3G-SDI: 1080P25, 1080P30, 1080P50, 1080P60, 1080P59.94, 1080P29.97, 1080I50, 1080I60, 1080I59.94, 720P50, 720P59.94, 720P60
Sensor	1/2.8 inch, CMOS Max Effective Pixel: 8.40M
Scanning Mode	Progressive
Lens	12x, f = 3.4mm ~ 41.6mm, F1.8 ~ F3.7
Digital Zoom	16x
Minimal Illumination	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Backlight Compensation	Support
Digital Noise Reduction	3D Digital Noise Reduction
Signal Noise Ratio	≥55dB
Horizontal Angle of View	80.8° ~ 7.5°
Vertical Angle of View	49.9° ~ 4.3°
Horizontal Rotation Range	±162.5°
Vertical Rotation Range	-30° ~ +90°
Pan Speed Range	1.8°/s ~ 80.5°/s
Vertical Rotation Speed Range	1.5°/s ~ 49°/s
H & V Flip	Support
Image Freeze	Support
Number of Preset	255
Preset Accuracy	0.1°

▼ USB FEATURES

Video System	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Color System / Compression	YUY2 / MJPEG / H.264 / H.265
USB Audio	Support
Video Format	YUY2: max to 1080P@30fps H.264 AVC/SVC: max to 2160P@30fps H.265 SVC: max to 2160P@30fps MJPEG: max to 2160P@30fps
USB Video Communication Protocol	UVC 1.1~1.5
UVC PTZ	Support

▼ INPUT / OUTPUT INTERFACE

LINE IN Interface	1 x LINE IN: 3.5mm Audio Interface
Communication Interface	1 x RS485: 3pin phoenix port, Max Distance: 1200m, Protocol: VISCA / Pelco-D / Pelco-P
	1 x RS232 OUT: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA network use only
HDMI Interface	1 x RS232 IN: 8pin Min DIN, Max Distance: 30m, Protocol: VISCA / Pelco-D / Pelco-P
	1 x HDMI: Version 2.0
LAN(PoE+) Interface	1 x RJ45: 10/100/1000M, Adaptive Ethernet Port. It supports PoE+
USB Interface	1 x USB 3.0: Type-C
3G-SDI Interface	1 x 3G-SDI: BNC type, 800mVp-p, 75Ω. Along to SMPTE 424M standard
Restore Button	1 x Restore Button
Power Jack	JEITA type (DC IN 12V)
Tally Indicator	1 x Tally Indicator
Power Indicator	1 x Power Indicator
Status Indicator	1 x Status Indicator
Display Screen	1 x Display Screen
Power Switch	1 x Power Switch

▼ IPC FEATURES

Video Compression	H.264 / H.265 / MJPEG
Video Stream	First Stream, Second Stream
First Stream Resolution	3840x2160, 1920x1080, 1280x720, 1024x576, 720x480, 720x408, 640x480, 640x360
Sub Stream Resolution	720x480, 720x408, 640x480, 640x360, 480x320, 320x240
Bit Rate Control	CBR, VBR
Frame Rate	50Hz: 1fps ~ 50fps, 60Hz: 1fps ~ 60fps
Audio Compression	G711A, AAC
Audio Bit Rate	96Kbps, 128Kbps
Support protocols	NDI@IHX, TCP/IP, HTTP, RTSP, RTMP(S), ONVIF, DHCP, SRT, Multicast, etc.

▼ GENERAL SPECIFICATION

Input Voltage	DC 12V/DC 5V
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	18W (Max)
Size	223 x 154.8 x 165 (mm)
Net Weight	1.8 KG