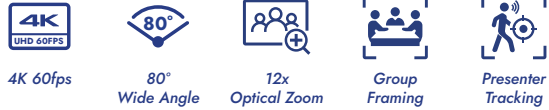


4K Dual-Lens PTZ Camera

RC941



The RC941 is a UHD video conferencing camera tailored for medium to large conference rooms. Equipped with the latest 1/2.7-inch 4K CMOS sensor, it delivers a stunning 3840x2160 resolution for exceptional image quality, ensuring a more detailed and lifelike video conferencing experience.



FEATURES

▼ DUAL ULTRA-HD COORDINATED CAMERAS

Equipped with a 12x Optical Zoom PTZ Camera and a 95° Ultra Wide Angle Fixed-Focus Camera, it captures close-up shots and performs AI detection across the entire scene simultaneously. Supporting split-screen display of close-up and panoramic views, it offers richer perspectives of the venue, clearer and more detailed portraits, and more precise AI recognition capabilities.

▼ POWERFUL AI FEATURES

It supports AI framing modes including group framing and presenter tracking. The close-up lens locks onto participants, adjusts automatically for optimal shots, and adapts seamlessly to diverse meeting scenarios. Notably, presenter tracking activates via intelligent gesture control for simple, intuitive operation.

▼ DUAL-MODE BYOM

Supports both wireless and wired connections (via accessories) to a laptop, enabling flexible BYOM usage modes. It makes the meeting experience easier and more flexible.

▼ COMPREHENSIVE AUDIO INTEGRATION

The system supports multiple audio interfaces, including digital microphones, analog audio, USB audio, HDMI audio, and network audio. It allows the connection of microphones, speakers, audio mixers, and other professional audio equipment, offering extensive external audio expansion. This enables seamless audio and video integration, supporting the BYOM mode without additional devices.

▼ ULTIMATE ULTRA-HD IMAGE QUALITY

The PTZ camera features a new generation 1/1.8-inch UHD CMOS sensor with a maximum resolution of 8.42 megapixels. It supports smooth 4K@60fps video output. The high-quality optical lens provides a 80° horizontal angle of view, covering a wide area of the meeting room. It offers lossless optical zoom and flexible focus, delivering unparalleled ultra-high-definition image quality.

▼ MULTIPLE VIDEO INTERFACES

The system supports 2 HDMI outputs, 1 USB 3.0 port, all capable of synchronously delivering 4K video quality, which can satisfy the integration requirements of various meeting room.

SPECIFICATIONS

▼ CLOSE-UP CAMERA

Video Resolution	4KP60, 1080P60
Sensor	1/1.8", CMOS, 8.42 Megapixels
Scanning Mode	Progressive
Lens	f4.81mm ~f57.8mm, F1.8 ~ F3.6
Optical Zoom	12X
Minimum Illuminance	0.005Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥38dB
Horizontal Angle of View	80° ~ 7.5°
Vertical Angle of View	50° ~ 4.3°
Horizontal Rotation Range	±170°
Vertical Rotation Range	-30° ~ +30°
Pan Speed Range	0.86°~46.64°/S
Tilt Speed Range	0.35°~14.53°/S
H & V Flip	Support
Image Freeze	Support
Number of Preset	255

▼ PANORAMIC CAMERA

Sensor	1/2.7", CMOS, 8.30 Megapixels
Scanning Mode	Progressive
Lens	f3.0 ±5%
Digital Zoom	5X
Minimum Illuminance	0.5Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor
Backlight Compensation	Support
Digital Noise Reduction	2D&3D Digital Noise Reduction
Video S/N	≥38dB
Diagonal FOV	95°
Horizontal Angle of View	86°
Vertical Angle of View	54°
H & V Flip	Support

▼ USB FEATURES

Operating System	Windows 7, 8, 10, 11, Mac OS X, Linux, Android
Color System/Compression	YUY2 / H.264/MJPEG/H.265
Video Format	YUY2 (Isosynchronous): Max 1080P60; MJPEG: Max 2160P60; H.264 : Max 2160P60; H.265 HEVC : Max 2160P60
USB Audio	Support
USB Video Communication Protocol	UVC 1.1, UVC 1.0
UVC PTZ Control	Support

▼ I/O INTERFACES

USB Interface	1 x USB 3.0, Type-C; 1 x USB 3.0, Type-A
Audio Input Interface	Built-in dual MIC
HDMI Input Interface	1 x HDMI 2.1
HDMI Output Interface	2 x HDMI 2.0
Network Interface	1 x RJ45: 10M/100M/1000M Adaptive Ethernet(Reserved); 1 x PSE(802.3at)
Audio Interface	1 x Line In, 1 x Line Out; 1 x MIC In, 48V phantom power; 1 x DMIC; 1 x USB
Power Jack	JEITA type (DC IN 12V)

▼ GENERAL SPECIFICATION

Input Voltage	DC 12V
Input Current	5A
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
MTBF	>30000H
Dimension (W x D x H)	233 x 154.8 x 165mm
Weight	2.5kg

INTERFACE

- 1 — USB TYPE-C Interface
- 2 — LINE IN Interface
- 3 — MIC IN Interface
- 4 — LINE OUT Interface
- 5 — USB 3.0 Interface
- 6 — HDMI IN Interface
- 7 — HDMI OUT1 Interface
- 8 — HDMI OUT2 Interface
- 9 — LAN Interface(Reserved)
- 10 — TOUCH/DMIC Interface
- 11 — DC 12V Interface
- 12 — 5G Antenna Interface

