

4K Business Webcam

RC17 / RC18

- 
4K 30fps
- 
84° /120°
Wide Angle
- 
USB 3.0
- 
Built-in Mic
- 
Auto Framing
with AI Technology

RC17/RC18 is a HD commercial camera designed specifically for small to medium-sized meeting rooms in enterprises. It offers a choice between two lens models: RC17 120° fixed lens or RC18 84° auto-focus lens, depending on the requirements of the meeting room. Both models feature a 4K CMOS sensor that achieves a resolution of 3840x2160, delivering a more detailed and realistic video conferencing experience.



FEATURES

▼ 4K VIDEO QUALITY

It utilizes a 1/2.5" 4K CMOS sensor with 8.29 Megapixels. It supports maximum 4K@30fps image encoding output and is also compatible with lower resolutions such as 1080P and 720P.

▼ WIDE FIELD OF VIEW

The camera offers a choice between 84° and 120° lenses, with support for auto-focus (only available with the 84° lens) and EPTZ electronic zoom, allowing for a clearer and wider viewing range.

▼ AI AUTO FRAMING

It incorporates built-in video AI algorithms that can recognize the positions of participants and automatically adjust the camera angle for the best framing.

▼ SPEAKER TRACKING

With built-in intelligent analysis algorithms, it can identify the speaker's position, intelligently link with the EPTZ function and automatically track the speaker, ensuring that the speaker remains clear in the frame.

▼ AI HUMAN TRACKING

By utilizing AI technology to extract target features, it can achieve smooth human tracking regardless of the direction the person is facing. It is suitable for applications such as automatic tracking of presenters and provides flexibility in selecting the tracking target.

▼ BUILT-IN MICROPHONE¹

An optional built-in digital microphone array is available, equipped with VHD (Virtual HD) exclusive noise suppression algorithms, enabling clear omnidirectional audio pickup within a range of 6m.

Remark: 1. This feature is optional.

SPECIFICATIONS

▼ CAMERA

Sensor	1/2.5", CMOS, 8.29 Megapixels
Scanning Mode	Progressive
Lens Mount	M12
Lens One	RC17, Focal length: f=3.5mm, Horizontal field Angle: 120°
Lens Two	RC18, Focal length : f=2.8mm, Horizontal field Angle: 84°
Minimum Illuminance	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	2D&3D Digital Noise Reduction
Camera Bracket	Standard equipped damped rotating bracket

▼ INPUT / OUTPUT INTERFACE

USB	1x USB 3.0; Type-B
HDMI Output	1x HDMI 1.4 ¹

▼ GENERAL SPECIFICATION

Input Voltage	5V (USB-powered)
Input Current	0.6A
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	3W
Dimension	194mm (W) × 42mm (D) × 34mm (H) (Stent-free)
Weight	0.5kg

▼ USB FEATURES

Operating System	Windows® 7 (only 1080P and below support) Windows 8, Windows 10, Windows 11 MacOS X Above Linux 2.4.6 Android (include UVC-related driver programs)
Color System /Compression	YUY2 / H.264 / MJPEG
Video Format	4KP30/25; 1080P/30/25; 720P/30/25; 960x540P/30/25; 640x360P/30/25
USB Video Communication Protocol	UVC 1.1
UVC PTZ Control	Support (EPTZ)



INTERFACE

- 1 — HDMI Interface¹
- 2 — USB 3.0 Interface

