

4K Business Webcam

RC18



RC18 is a HD commercial camera designed specifically for small to medium-sized meeting rooms in enterprises. RC18 supports 84° auto-focus lens, so it can get consistently clear views. 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 84° lens, with support for auto-focus and EPTZ electronic zoom, allowing for a clearer and wider viewing range.

▼ AI GROUP 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 FRAMING

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 PRESENTER TRACKING

By utilizing AI technology to extract target features, it can achieve smooth presenter 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 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	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

▼ 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)

▼ 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



INTERFACE

- 1 — HDMI Interface¹
 2 — USB 3.0 Interface

