CAMERAS

4K Business Webcam

RC17











USB 3.0 Built-in Mic

Al Tracking Technology

RC17 is a UHD commercial camera designed specifically for focus rooms and huddle meeting rooms in enterprises. It features a 4K CMOS sensor and a 120° ultra-wide-angle len, capable of outputting 3840*2160 resolution video. Equipped with AI video algorithms, it supports auto-framing, speaker tracking, and presenter tracking, delivering users a more realistic, efficient video communication 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 120° ultra-wide-angle len with EPTZ electronic zoom, It offers a wider viewing range covering all areas of small meeting rooms and ensuring that every participant is captured within the frame.

▼ 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.

▼ PRESENTER 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.

SPECIFICATIONS

▼ CAMERA

| Sensor | 1/2.5", CMOS, 8.29 Megapixels |
|-------------------------|---|
| Scanning Mode | Progressive |
| Lens Mount | M12 |
| Lens | Focal length: f=3.5mm, HFOV: 120° |
| 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

| V OSDI ERIORES | |
|-------------------------------------|---|
| 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 Interface | 1x USB 3.0; Type-B |
|---------------|--------------------|
| HDMI Output | 1x HDMI 1,4 1 |

▼ GENERAL SPECIFICATION

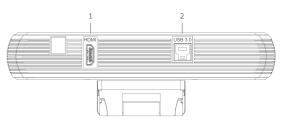
| Input Voltage | 5V (USB-powered) |
|-----------------------|--|
| Input Current | 0.6A |
| Operating Temperature | -10°C ~ 40°C |
| Storage Temperature | -40°C ~ 60°C |
| Power Consumption | 3W |
| Dimension | 194mm (W) × 42mm (D) × 34mm (H) (Stent-free) |
| Weight | 0.5kg |



INTERFACE

1 —— HDMI Interface¹

2 --- USB 3.0 Interface



27 Remark: 1. This feature is optional.