



RC17 4K Ultra HD Auto Focus Camera

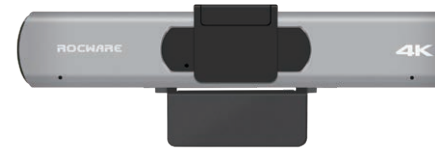


- Ultra 4K HD**
 Support 4K Ultra HD with super resolution up to 4K@30fps/25fps encoding output, and down compatible with 1080p,720p.
- USB 3.0**
 Full functional USB, 3.0 connection, power supply, video and audio all in one and support 2 streaming USB video signal and one audio source.
- Light illumination**
 Star-level ultra-high noise ratio of the new CMOS image sensor can effectively reduce the low noise in the case of image noise, while the application of 2D and 3D noise reduction algorithm, significantly reducing the image noise, even under low light conditions, still keep the picture Clean and clear, the image signal to noise ratio up to 55dB or more.
- Landscape/Portrait Mode**
 Support one-key landscape and portrait switching which is flexible and adaptable to various application scenarios. In portrait screen mode, it supports manual or AI automatic adjustment of field angle to keep you in c-position all the time.
- AF Lens**
 Complete customized auto focus non-distortion lens, view angle up to 84° / 120°, small lens with big view, supporting EPTZ.

- Auto Framing**
 The built-in intelligent automatic viewfinder AI algorithm, combined with face recognition which can automatically adjust the camera to obtain the best composition as the personnel seat of the meeting room changes.
- Speaker Tracking**
 The built-in intelligent analysis algorithm supports audible position identification and intelligent linkage EPTZ function, the speaker can be automatically tracked, and it intelligently switches the speaker screen to ensure that the speaker is always clear in the screen.
- AI Tracking**
 Use the deep learning technology to extract the target's characteristics and allow smooth face tracking no matter where the face is facing. It is suitable for application scenarios such as presenter automatic tracking and can flexibly select tracking targets.
- Built in Microphone**
 Built in microphone array, omnidirectional pickup, pickup distance up to 6 meters, noise suppressing algorithm with excellent sound.
- Easy Installation**
 Equipped with damping rotary shaft bracket, to meet the market almost 100% of the display, easy to install, stable and reliable.

Camera	
Sensor	1/2.5", CMOS, Effective Pixel: 8.51M
Scanning Mode	Progressive
Lens Mount	M12
Lens 1(Default)	Focus: f=3.5mm, FOV: 84°
Lens 2	Focus: f=2.8mm, FOV: 120°
Autofocus	Support (84°)
Minimal Illumination	0.5 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Camera bracket	Bracket with damper
Digital Noise Reduction	2D,3D digital noise reduction
Backlight Compensation	Support

General specification	
Input Voltage	5V (USB power supply)
Current Consumption	600mA
Operating Temperature	-10°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	3W
Size	194mm x 34mm x 42mm
Net Weight	0.5kg
MTBF	30000h



USB Feature	
Operate System	Windows® 7 (1080P and under only), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux Android
Hardware Requirement	2.4 GHz Intel® Core 2 Duo processor or higher; 2 GB RAM or higher USB 2.0 interface
Color space/compression	H.264 / MJPEG / YUY2
Video resolution	4k@30fps/25fps, 1080p@30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps.
USB Video Communication Protocol	UVC 1.1
UVC PTZ	Support(EPTZ)



Input/Output Interface	
USB Interface	1xUSB 3.0: Type B, female