RC17

# 4K Ultra HD Auto Focus Camera

Optional

4K UHD | USB 3.0 | Ultra wide-angle lens

### 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 auido 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.

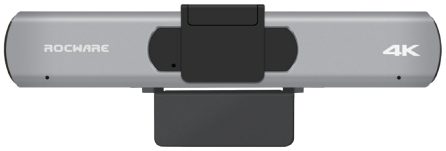
### WDR
Support WDR, can handle different lighting environmemt.

### Built in Microphone
Built in microphone array,omnidirectional pickup, pickup distance up to 6 meters, noise suppressing algorithm with excelent sound.

### Easy Installation
Equiped 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 | 0.05 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 |




| USB Feature | |
|---|---|
| Operate System | Windows® 7 (1080P and under only), Windows 8.1, Windows 10 or higher<br>macOS™ 10.10 or higher<br>Google™ Chromebook™ Version 29.0.1547.70 or higher<br>Linux |
| Hardware Requirement | 2.4 GHz Intel® Core 2 Duo processor or higher;2 GB RAM or higher<br>USB 2.0 interface |
| Color space/ compression | H.264 / MJPEG / YUY2 |
| Video resolution | 4k@30fps/25fps, 1080p@60fps/50fps/30fps/25fps, 720p@60fps/50fps/30fps/25fps,960x540p@60fps/50fps/30fps/25fps, 640x360p@60fps/50fps/30fps/25fps |
| USB Video Communication Protocol | UVC 1.1 |
| UVC PTZ | Support(EPTZ) |

| 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 |

| Input/Output Interface | |
|---|---|
| USB Interface | 1xUSB 3.0: Type B, famale |