RC06
4K Ultra HD USB Camera

4K UHD

USB 3.0

Ultra wide-angle lens

◉ **4K UHD**
Support 4K UHD, ultra-high definition combined with ultra-high resolution,support max. 4K@30fps/25fps image encoding output and downward compatible with 1080P, 720P and other resolutions.

◉ **USB 3.0**
The full-featured USB 3.0 interface integrated power supply, video and audio, and supports 1 USB video signal sourceand audio source.

◉ **Lens**
The wide-angle field of view up to 84°(Integrated auto-focus function) / 120°,small lens, big vision. The 84° lens supports fast focus function which can quickly provide the accurate focus and present clearer images.

◉ **Built-in Microphone**
The built-in microphone array can omnidirectional pickup with distance up to 6 meters. The wonderful noise suppression algorithm makes your voice perfect.

◉ **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.

◉ **e-PTZ**
No complicated mechanical PTZ devices needed for more reliable and robust noise-free PTZ feature with more accurate rotation to bring a non-inductive pan/tilt experience.

◉ **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.

◉ **Soft Light Filling**
The integrated fill light device supports remotely adjust the soft light brightness with remote control, which can achieve the desired effect under any lighting conditions.

◉ **Light illumination**
The new CMOS sensor with ultra-high SNR can effectively reduce the image noise under low light, use the 2D and 3D noise reduction algorithms simultaneously to greatly reduce the image noise and have clear images with SNR up to 55 dB or higher even under extreme low light.

◉ **Easy Operation**
The full-featured infrared remote control supports one-key quick switching of horizontal and portrait screen modes, one-key turn on/off auto framing, speaker tracking, body tracking, adjust the brightness of the light remotely,set the preset, e-PTZ, image parameters and others.

◉ **Easy Installation**
The supplied damping rotating support can work with almost 100% of the displays on market; it's easy to install, stable & reliable.

Camera	
Sensor	1/2.5'', CMOS, Effective Pixel: 8.29M
Scanning Mode	Progressive
Lens Mount	M12
Lens 1	Focus: f=3.5mm, FOV: 84°
Lens 2(Default)	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, VAR
Camera bracket	Standard Damping Rotating Support
Digital Noise Reduction	2D,3D digital noise reduction
Backlight Compensation	Support

General specification	
Input Voltage	5V (USB power supply)
Input Current	0.8A (max.)
Operating Temperature	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	4W (max.)
Size	194mm x 34mm x 42mm (without bracket)
Net Weight	0.5kg
MTBF	30000h

USB Feature	
Operate System	•Windows® 7 (only 1080P and below supported), Windows 8.1, Windows 10 or higher •macOS™ 10.10 or higher •Google™ Chromebook™ Version 76.0.3809.136 or higer •Linux •Android
Hardware Requirement	•2.4 GHz Intel® Core 2 Duo CPU or higher •2 GB RAM or more •USB 2.0 (USB 3.0 required for 4K)
Color space/compression	H.264 / MJPEG / YUY2 / NV12
Video resolution	4k@30fps/25fps, 1080p@30fps/25fps, 720p@/30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps etc
USB Video Communication Protocol	UVC
UVC PTZ	Support(EPTZ)

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