RC15
1080P Ultra-Wide Field USB Camera

1080P **USB** **EPTZ**

HD & Lens
Support 1080P Full HD with super resolution up to 1080P@30fps/25fps encoding output, and down compatible with 1080p,720p.Wide angle up to 84°(support autofocus)/83°/110°/120°. At the same time, it supports EPTZ to make it more biger and visible.

USB
Full functional USB, 2.0 connection,power supply,video and audio all in one and support 2 streaming USB video signal(option) and one auido source.
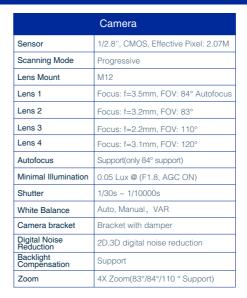
Built in Microphone
Built in microphone array,omnidirectional pickup, pickup distance up to 6 meters, noise suppressing algorithm with excelent sound.

Low Light
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.

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	1/2.8'', CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12
Lens 1	Focus: f=3.5mm, FOV: 84° Autofocus
Lens 2	Focus: f=3.2mm, FOV: 83°
Lens 3	Focus: f=2.2mm, FOV: 110°
Lens 4	Focus: f=3.1mm, FOV: 120°
Autofocus	Support(only 84° support)
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Manual，VAR
Camera bracket	Bracket with damper
Digital Noise Reduction	2D,3D digital noise reduction
Backlight Compensation	Support
Zoom	4X Zoom(83°/84°/110 ° Support)

General specification	
Input Voltage	5V (USB power supply)
Current Consumption	270mA
Operating Temperature	0°C ~ 40°C(14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	1.4W
Size	118mm x37.2mm x 30.8mm (Bracket not included)
Net Weight	93g
WTBF	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
Hardware Requirement	2.4 GHz Intel® Core 2 Duo processor or higher;2 GB RAM or More USB 2.0 interface
Color System / Compression	YUY2 / H.264 / MJPEG
Video Format	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 2.0: Type A