

iCam

4K Ultra HD Camera with Auto Framing

Datasheet: Model iCam 200U



Features

- 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

Fully functional USB, 3.0 connection, power supply, video, and audio all in one and support 1 streaming USB +1 streaming HDMI(option).

- Lens

Wide-angle up to 120°. At the same time, it supports EPTZ to make it bigger and visible.

- Built-in Microphone

Built-in microphone array, omnidirectional pickup, pickup distance up to 12 meters, noise suppressing algorithm with excellent sound.

- WDR



Support WDR can handle different lighting environments.

● 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

Equipped with damping rotary shaft bracket, to meet the market almost 100% of the display, easy to install, stable, and reliable.

Specs

Model	iCam 200U
Name	4K Ultra HD USB Camera
Sensor	1/2.5", CMOS, Effective Pixel: 8.29M
Scanning Mode	Progressive
Lens	Mount M12
Lens	Focus: f=2.8mm, FOV: 120°
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30s ~ 1/10000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual, VAR
Camera bracket	bracket with damper
Digital Noise Reduction	2D,3D digital noise reduction
Backlight Compensation	Support
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
Color System / Compression	H.264 / MJPEG/YUY2/NV12
Video Format	4k@30fps/25fps, 1080p@30fps/25fps, 720p@30fps/25fps, 960x540p@30fps/25fps, 640x360p@30fps/25fps etc
USB Video Communication Protocol	UVC 1.1
UVC PTZ	Support(EPTZ)
USB Interface	1xUSB 3.0: Type B, female
Input Voltage	5V (USB power supply)
Current Consumption	600mA(MAX)
Operating	-10°C ~ 40°C (14°F ~ 104°F)
Storage Temperature	-40°C ~ 60°C (-40°F ~ 140°F)
Power Consumption	3.0W(MAX)



Size	194mm x 34mm x 42mm (without bracket)
Net Weight	0.34KG
MTBF	30000h