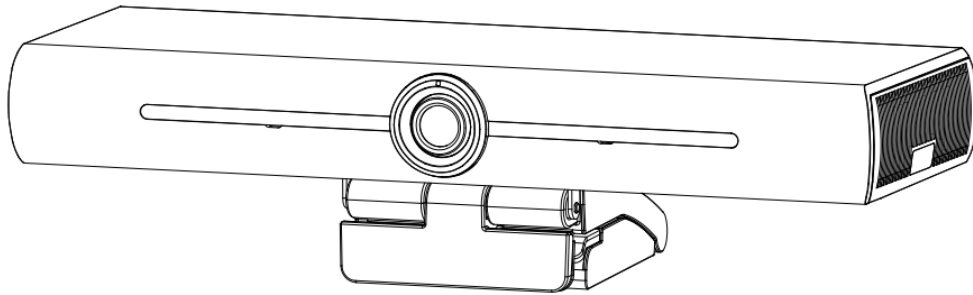


# AI 4K UHD Video Conference Camera

Model: iCam 200

## Datasheet (V1.0)



## Main Features

This product is a new AI 4K UHD ePTZ video conference camera. It is built with AI functions, which can automatically frame all people in the meeting and make them at the middle of the scene. It also has perfect functions and superior performance, which adopts advanced ISP processing algorithms so as to provide vivid images with evenly clear brightness, strong color layering, high resolution, and fantastic color rendition. Easy and convenient to install and maintain, stable and reliable.

- **4K UHD:** It employs 1/2.5 inch, 8 million pixels high quality CMOS sensor; supports 4K UHD; provides 4K@ 30fps MJPG video resolution; and provides clear UHD video and vivid expressions and movements. At the same time, it is compatible with 1080p and 720p resolution.
- **EPTZ:** EPTZ and 4X digital Zoom
- **Built-in pickup:** Includes 2 built-in pickups, all-round pickup. Antique noise suppression algorithm ensures your voice be perfect. The effective pickup distance is up to 5 meters.
- **Dual stream output:** The USB3.0 port support main stream and sub-stream output at the same time.
- **Auto framing:** With excellent facial detection algorithm, automatically adjust the zoom according to the number of people in the meeting. It can frame all the meeting people and make them shown in the middle of the scene.
- **Wide view angle without distortion:** 120° super wide view angle lens.
- **Low Noise and High SNR:** Low Noise CMOS effectively ensures high SNR of video. Image is still clear even under low light condition.
- **Multiple Installations:** Standard equipped with mold clamp. Easy to install on any devices, such as LCD screen, PC, table and tripod.
- **Easy to Use:** No need to download driver; USB Plug and play.
- **Wide Applications:** Personal video conferencing, enterprise video conferencing, unified collaboration and etc.

## 2.3 Technical Specifications

Model Number	iCam 200
Camera Parameter	
Image Sensor	1/2.5 Inch High Quality 4K CMOS Sensor
Effective Pixels	8.28MP 16:9
Video output port	1* USB3.0, Type B, support audio output over USB3.0
Audio input	2 built-in MIC pickups
View Angle	126°(D)/120°(H)/85°(V)
Video Format	Main stream: 3840×2160@30fps, 1920×1080P@30fps/25fps, 1280×720P@30fps/25fps, etc. Sub-stream: 1280×720P@30fps/25fps, 640×480P@30fps/25fps; 320×172P@30fps/25fps, etc.



Min Illumination	0.1Lux (F1.8, AGC ON)
Lens	f=2.72mm
Aperture	F2.5
Digital zoom	4X
DNR	2D & 3D DNR
Ultra-low illumination	On/off
White Balance	Auto / Manual/ One Push/ 3000K/ 3500K/ 4000K/ 4500K/ 5000K/ 5500K/ 6000K/ 6500K/ 7000K
Focus	Auto / Manual/ One push Focus (available on AM series)
Exposure	Auto / Manual
Auto framing	On/off/sensitivity
Backlight compensation	On/off
Dual stream	On/off
SNR	>55dB
<b>USB Feature</b>	
Operation Systems	Windows 7(1080p at the most), Windows 8.1, Windows 10 ; macOS™ 10.10 or higher, Linux (Require to support UVC.)
Video Compression format	YUY2, MJPG, H.264, H.265
Audio over USB3.0	Support
USB communication protocol	UVC, UAC
PTZ control	Support EPTZ
Hardware requirement	2.4 GHz Intel@ Core 2 Duo processor or higher, 2GB RAM or more, USB 2.0 /USB3.0 port ( USB 3.0 is needed for 4K)
<b>Other Parameters</b>	
Input Voltage	5V
Input Current	1A(Max.)
Power consumption	5W(Max.)
Store Temperature	-10°C~+60°C
Store Humidity	20%~90%
Working Temperature	-10°C~+50°C
Working Humidity	20%~80%
Dimension (W*H*D)	222mm×93.25mm×56.5mm
Weight	Around 0.53kg
Application	Indoor
Accessory	User Manual; Remote controller, USB3.0 cable