iCam 50

4K USB Camera with Microphone

- 4K USB camera with microphone
- Ultra 4K HD: Up to 4K@30fps/25fps, down compatible with 1080p, 720p.
- USB 3.0: Full functional USB, 3.0 connection, power supply, video and audio all in one.
- Lens: Wide angle up to 110°. At the same time, it supports EPTZ to make it bigger and visible.
- Built-in Microphone: Built-in beamforming microphone array, unique noise suppression algorithm and automatic gain algorithm, pick-up distance up to 6 meters, can reach to the ideal audio experience.
- Auto Framing: The advanced deep learning algorithm is adopted to automatically adjust the size of the picture angle according to the people in the detection field of vision, eliminating the need for manual adjustment of camera operation, bringing you a new intelligent experience.
- Easy Operation: With exquisite infrared remote control and exclusive software, auto-framing function and humanoid tracking can be started with one button, and preset position, EPTZ, image parameters can be set at the same time.

4K UHD AI Webcam

The iCam 50 supports 4K/30 resolution, built-in microphone, with 110° HFOV.

Perfect for Huddle Room or Home Office

Designed for huddle rooms, suitable for meeting of 1-4 people, simple and efficient video conference communication.

4K video + AI Auto Framing

With the AI based Auto Framing technology, the iCam 50 frames all the meeting people and shown in the middle of the crystal clear 4K image.

Ultra-wide angle

4K Ultra HD picture, with 100° super large viewing
angle and low-distortion lens for panoramic views.

110°

Simple to operate

Through IR remote control, exclusive software, one-button start automatic frame selection, humanoid tracking, and you can set the preset positions, EPTZ, image parameters, etc.

Convenient installation

A variety of easy installation methods, stable and reliable, also suitable for tripos stands.

Built-in Microphone

The built-in microphone array can pick up omnidirectional sound up to 6 meters. With noise suppression technology.

Fully Compatibility
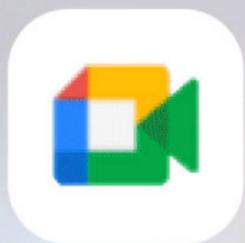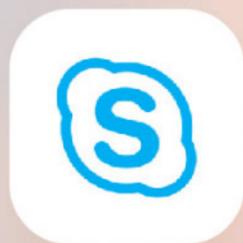
Google Meet　　Skype for Business　　BlueJeans　　Cisco　　GoToMeeting
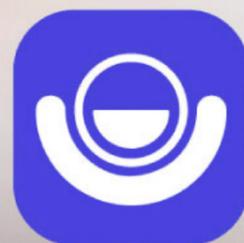
Lync　　Teams　　Lifesize　　zoom　　...

Datasheet

Model	iCam 50
Name	4K Ultra HD USB Camera
Camera	
Sensor	1/2.7", CMOS, Effective Pixel: 8.29M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: f=2.2mm, HFOV: 110°
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 Features	
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(Supporting UVC is required)
Hardware requirement	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB RAM or more USB 2.0 port (USB 3.0 required for 4K)
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)
Input/Output Interface	
USB Interface	1xUSB 3.0: Type C
Remote control	Support
General specification	
Input Voltage	5V (USB power supply)
Current Consumption	600mA(MAX)
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Power Consumption	3.0W(MAX)
Size	118mm x 37.2mm x 30.8mm (without bracket)
Net Weight	TBD
MTBF	30,000h

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