Collab 4K

AUTO FRAMING 4K EPTZ CAMERA

A Webcam Made For The Professionals With An Electronic PTZ In A Compact Design

Auto Framing 4K EPTZ Collab 4K camera that comes with a perfect functions and superior performance. Collab 4K camera employs advanced ISP processing algorithms so as to provide vivid images with evenly clear brightness, strong colour layering, high resolution, and fantastic color rendition. Easy and convenient to install and maintain, stable and reliable.

- **Ultra HD 4K Resolution**
  1/2.8 inch high quality CMOS sensor. Resolution is up to 4K with frame rate up to 30fps (MJPG) or 30fps (H.264); compatible with 1080P and 720P.

- **Professional Buit-in Microphone**
  Built-in MIC: built-in two omni-directional MIC pickups; with unique noise suppression algorithm

- **ePTZ**
  Pan, tilt and zoom video digitally with its ePTZ and 10 times digital zoom capability.

- **Auto Framing**
  Employing superior face detection algorithm to intelligently and automatically frames according to the number of people in the scene, and the characters are in the middle.

- **Wide FOV**
  83°/100° wide angle and small distortion lens options.

- **Multiple Audio/Video compression**
  Supports H.264, MJPG, YUY2, NV12 video compression, to made video play smoothly.

- **Low Noise and High SNR**
  Super high SNR image is achieved with low noise CMOS. Even in the case of ultra-low illumination, the picture remains clean and clear.

- **Multiple Installations**
  Standard equipped with mold clamp. Easy to install on any devices, such as LCD screen, laptop, table and tripod.

- **Easy to Use**
  No need to download driver; USB 3.0 Plug and play

- **Wide Applications**
  Personal video conferencing, enterprise video conferencing, collaboration meeting, etc

- **Video output interface**
  Video output interface USB 3.0

Collab 4K
TECHNICAL SPECIFICATION

Camera Parameters	
Image Sensor	1/2.8 inch High Quality 4K CMOS Sensor
Effective Pixels	16: 9 8.28 megapixel
Video Output Interfaces	1 ChannelUSB 3.0 output, Type B, Support audio-in
Video Format	USB3.0 Output: 3840 x 2160@30 / 2560 x 1440@30 / 1920 x 1080@30 / 1600 x 896@30 / 1280 x 720@30 / 1024 x 576@30 / 960 x 540@30 / 800 x 600@30 / 800 x 448@30 / 720 x 576@30/ 720 x 480@30 / 640 x 480@30 / 640 x 360@30 /480 x 270@30 / 352 x 288@30 / 320 x 240@30 / 320 x 180@30
View Angle	110°(D) / 100°(H) / 53°(V)
Focus	f= 2.26 mm
Aperture	F1.8
Digital Zoom	10X
Minimum Illumination	0.1Lux (F1.8, AGC ON)
Focus	Mannual
White Balance	Auto / Manual
Exposure	Auto / Manual
Backlight Contrast	On/Off
SNR	≥50dB

USB Features	
Operation Systems	Windows 7(1080P or lower), Windows 8.1, Windows 10 ; macOS™ 10.10 or higher; Linux (UVC support); Android
Video Compression Format	YUY2, NV12, MJPG, H.264
USB Audio	Supported
USB Communication Protocol	UVC, UAC
PTZ Control	Support EPTZ
Hardware Requirement	2.4 GHz Intel@ Core 2 Duo processor or higher,2GB memory or higher, USB 2.0 port(USB 3.0 for 4K)

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TECHNICAL SPECIFICATION

Other Parameters	
Input Voltage	5V
Input Current	1A (Max)
Power Consumption	5W (Max)
Stored Temperature	-10°C ~ +60°C
Stored Humidity	20% ~ 90%
Working Temperature	-10°C ~ +50°C
Working Humidity	20% ~ 80%
Dimension	180 mm × 42.5 mm × 46.3 mm
Weight	0.3 KG
Application	Indoor
Accessories	USB 3.0 cable, Remote Controller (optional, User Manual

Use Any Computer Conferencing App

Collab cameras makes applications like Zoom Video Conference, as well as Microsoft Lync, Skype, and GoToMeeting, come alive with realistic full HD wide-angle video quality. Plug it directly into our Collab LaunchPad Display with built-in Collab Core or other PC with USB 3.0, without a separate capture device.

Simplified Collaborations

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