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EVO-VCK-10X Video Conferencing System Kit



EVO-VCK-10X is a perfect conference solution that combines audio and video. It applies advanced ISP processing algorithms to provide vivid images with a strong sense of depth, high resolution, and fantastic color rendition. The audio adopts the international advanced new-generation high-definition voice processing technology with clear and smooth sound quality and strong environmental adaptability. It can provide participants with smooth and natural audiovisual effects whenever and wherever, and provide a comfortable and immersive experience for teleconferencing and other applications.

Key Features

- 1/2.9 inch high quality CMOS sensor. Resolution is up to 1920x1080.
- Optical Zoom Lens: 10x optical zoom 68.8° wide-angle lens.
- Leading auto focus algorithm makes lens a fast, accurate and stable auto-focusing.
- Low Noise CMOS effectively ensure high SNR of camera video. Advanced 2D/3D noise reduction technology is also used to further reduce the noise, while ensuring image sharpness.
- Adopting high accuracy step motor and motor driving controller to make extremely quiet and smooth rotation .
- Supports MJPG/H.264/H.265 video compression.
- Supports AEC(Acoustic Echo Cancellation), AGC(Automatic Gain Control),NC(Bidirectional noise compression), Automatic Direction finding Technology of Intelligent microphone(EMI), Zero damage compression in vocal full frequency domain.
- Built-in 4 single-point microphones, composed of 360-degree omni-directional audio-pickup, 6m sound-pickup diameter, external microphone is available, up to 10m sound-pickup diameter .
- USB plug-and-play, supports various online conference software platforms such as Teams, Zoom, WeChat, Skype for Business, Vidy, etc.
- Supports Windows, Android, iOS and Linux system.



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- Supports Bluetooth connection and hands-free conference calls on mobile phones.
- Speaker volume reaches 95dB, digital adjustment for 16 levels speaker volume.
- The Camera has built-in infrared receivers and is available for every corner of the conferencing site.
- The SpeakerPhone has built-in Up/Down, Left/Right, Answer, Hang up, Bluetooth, Presets, and other keys
- The Video Conferencing System is managed by the centralized Controller.
- Easy to use, install and maintain.

Technical Specifications

Camera	
Product Picture	
Sensor	1/2.9 inch high quality HD CMOS sensor
Effective Pixels	2.07M, 16 : 9
Video Format	1920×1080P@30 fps/25fps; 1280×720P@30fps/25fps; 1024×576P@30fps/25fps; 960×540P@30fps/25fps; 800×448P@30fps/25fps; 640×360P@30fps/25fps; 320×176P@30fps/25fps
Optical zoom lens	10X Optical Zoom f=4.34~41.66mm
View angle	8.8° (Tele) 68.8° (Wide)
Aperture value	F1.85 – F2.43
Digital Zoom	10X
Minimum Illumination	0.5Lux(F1.8, AGC ON)
DNR	2D& 3D DNR
White Balance	Auto / Manual/ One Push/ 3000K/3500K/4000K/4500K/5000K/5500K/6000K/6500K/7000K
Focus	Auto/Manual/One Push
Aperture/Electronic Shutter	Auto/Manual
BLC	ON/OFF
WDR	OFF/ Dynamic level adjustment
Video Adjustment	Brightness, Color, Saturation, Contrast, Sharpness, B/W mode, Gamma curve
SNR	>55dB
Rotation angle	Pan: -170°~+170°, Tilt:-30°~+30°
Control speed	Pan: 0.1 ~60°/sec, Tilt:0.1~30°/sec
Preset speed	Pan: 60°/sec, Tilt: 30°/sec
Dimensions	156.8mm×112.6mm×139.1mm (L×W×H)



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SpeakerPhone	
Product Picture	
Voice technical parameters	Acoustic Echo cancellation (AEC) : >65dB Echo length cancellation : ≥400ms Bidirectional noise compression (NC) : <25dB Automatic Direction finding Technology of Intelligent microphone (EMI) Automatic gain control (AGC)
Audio Parameters	Microphone frequency response : 100Hz-22KHz Speaker frequency response : 100Hz-22KHz Speaker volume: 95dB at the most Microphone sound-pickup diameter: 6 meters, 360 degrees full range
Bluetooth	Bluetooth devices available
IR Reception	Angle: 360° Distance: 10m IR Transparent transmission available
Dimensions	200mm×200mm×55.9mm(L×W×H)
Controller	
Product Picture	
Interface	Mini DIN6 ×2 Power interface×1 Power switch×1 Mini USB interface×1
Power supply	EC3800 plug(DC12V) Adapter input AC110V-AC220V,output DC12V/1.5A
Data line	Mini DIN6 data line ×2 Length: 5m (10m/15m for options)
USB cable	USB2.0 cable (3m)
Compatibility	Support Windows, Android, iOS and Linux Drive-free automatic recognition of cameras, microphones and speakers Compatible with Zoom, Lynch, Vido, etc.
Dimensions	120mm×74mm×34.5mm(L×W×H)
Accessories	Power adapter, USB2.0 cable, remote controller, two connection cables, user manual