

DVDO

DVDO-C6-1-B (Black)

DVDO-C6-1-W (White)

4K All-in-one Camera with
HDMI/USB & AI Voice Tracking

DVDO-C6-1 is a 4K UHD all-in-one camera for video conferencing applications including 6 array microphones and a dual 10W speaker.

Boasting powerful functions like face recognition, voice localization, voice tracking, and intelligent noise reduction, DVDO-C6-1 can automatically adjust the image size according to the number of participants.

It can also detect the speaker position in real time and lock the target while having a close-up, which allows users to have hands-free operation.



Features

- **Integrated Design:** Built in 4K UHD camera, microphone array, high fidelity speaker and electric privacy cover
- **Ultra HD:** 8M high quality CMOS image sensor, able to capture 4K ultra HD image to present true-to-life image, bringing excellent image resolution and clarity.
- **Distortion-less Wide Angle Lens:** 120° wide angle with no distortion lens allowing the image to include all participants.
- **Automatic Privacy Cover:** Privacy cover will automatically close to ensure the privacy security.
- **Microphone Array:** Built in 6 array microphone enable speaker can be tracked in real time. THIS DEVICE break the distance limitation to provide virtual meeting as if you are there.
- **Built in Speaker:** Built in dual 10W high quality studio speaker, ensuring every participant can hear and be heard clearly
- **Audio Processing:** The audio processing algorithm adopts high-fidelity 48K audio sampling rate, lossless audio transmission technology, supports AEC, AGC, ANS processing, bringing high-quality calls of 6 meters full duplex
- **Auto Framing:** Built in face detection algorithm, automatically detect participant and provide optimal framing.
- **Bluetooth 5.0:** Connect mobile phone and other devices through Bluetooth to be used as Bluetooth speaker and microphone.
- **Low Noise and High SNR:** Low noise CMOS ensure the ultra SNR of image. The advanced 2D, 3D noise reduction technology further reduce the noise while ensuring the image clarity.
- **Powerful Compatibility:** Compatible with Windows7, windows10, Mac OS 10.10 or higher system, applicable to major cloud-based video conference platforms.

Technical Specifications

Camera Parameters	
FOV	120° (D) / 106° (H) / 72° (V)
Focal Length	1.89mm
Iris Value	F2.0
Digital Zoom	10x
Sensor	High-quality CMOS sensor, effective pixel 8 million, 16:9
Minimum Illumination	0.5Lux
DNR	2D & 3D
Focus	Auto/Manual
BLC	On/Off
Exposure	Parameter can be adjusted and AE (Auto Exposure) is available
Image Adjustments	Brightness, sharpness, saturation, contrast, white balance, gain, anti-flicker, low brightness compensation
SNR	≥50dB
Video Formats	HDMI & USB: 4K30, 1080p60 compatible downward
Video Compression Formats	MJPEG, YUV2, H.264, H.265, NV12
Privacy Cover	Automatic privacy cover closes when no image output
Audio	
Microphone	6 x MEMS microphones
Pickup Distance	6 meters
Frequency Response	120 Hz – 16 kHz
Speaker	Built-in dual 10W speaker
Output Voice Pressure	80 +/- 3 dB 1.0M/1.0W
Frequency Response	100Hz – 20 kHz
AI Function	
Group Framing	Automatically adjust the screen size according to the number of participants to present the best framing
Speaker Tracking	Track each speaker in real time, and ensure that the speaker is in the center of the screen.
Working Conditions	
Storage Temperature	-10°C - +70°C
Storage Humidity	20% - 95%
Working Temperature	-10°C - +50°C
Working Humidity	20% - 80%
Environment	Indoor

Interfaces	
USB	USB3.0 audio video output interface, Type C. Supports UVC1.1, UAC1.0 and higher
HDMI	HDMI video output interface, also compatible with HDMI2.0
Line In	3.5mm line input (audio input automatically switches to connected external pickup)
Line Out	3.5mm line output for external speakers (audio output automatically switches to connected speakers)
Expansion Mic	RJ45 interface, able to connect to expansion microphone
Power	HEC3800 Power socket (DC12V), Input AC110V - AC220V, Output DC12V/2.5A
Input voltage	DC 12V ±10%
Input currency	<1A
Consumption	<12W
Bar-shaped Indicator	While displaying working status, it can also be lit where the speaker's voice comes from.
Bluetooth 5.0	Can be connected to a mobile phone or other device via Bluetooth as a Bluetooth microphone and speaker
System Compatibility	Windows 7, Windows 8, Windows 10, Mac OS X, Linux, Android
Accessories	
Standard accessories	Comes with brackets for desktop or wall mounting
Optional accessories	TV/monitor mounting

Mounting Accessories



TV/Monitor Mount – Black

MPN # DVDO-CB-4-B