

DVDO

DVDO-Mic-Extension-2

Extension Microphone for
DVDO-C6DL-1-G Dual-Lens
All-in-One Camera

DVDO-Mic-Extension-2 is an extension microphone for the DVDO-C6DL-1-G all-in-one camera with a voice pickup range up to 3m / 10ft.

It includes advanced connectivity with USB and 3.5mm audio interfaces as well as two RJ45 ports: one port that connects to the camera and a second port to daisy chain up to 2 other microphones.

It features cutting edge audio technologies including echo cancellation (AEC), noise reduction (ANS) and gain control (AGC).

It has a mute button that is green when the microphone is enabled and turns red when it is muted.



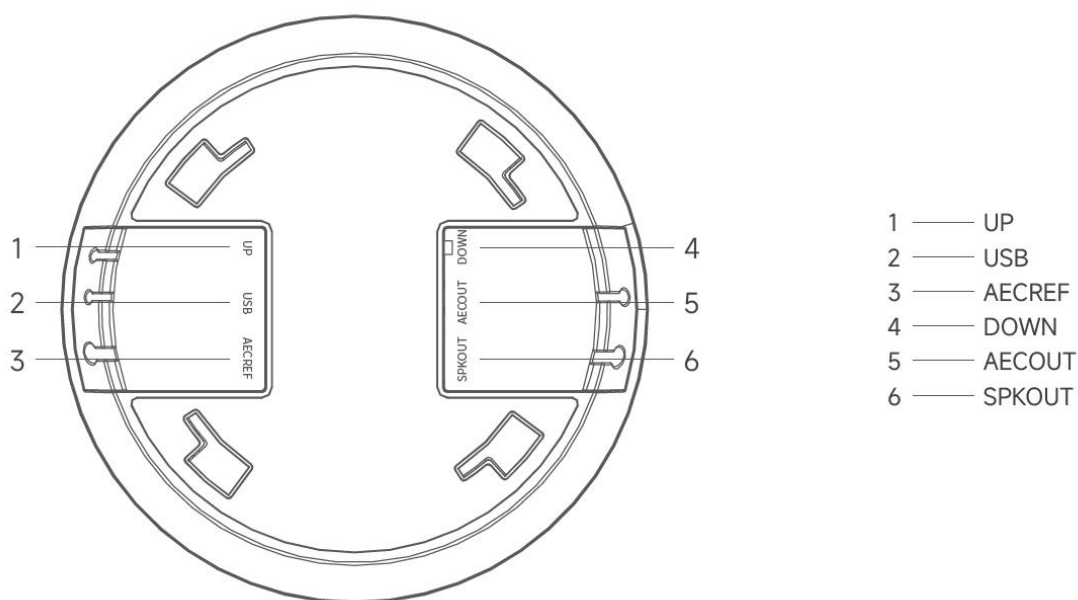
Features

- Up to 3 cascading microphones over LAN (PoE)
- 6 built-in digital microphones with high SNR forming a ring array
- Blind beamforming automatically detects speaker and adjusts audio pickup direction
- Advanced audio technologies including echo cancellation (AEC), noise reduction (ANS) and gain control (AGC)
- Ultra low latency for seamless conference calls
- Multiple interfaces including network, USB and 3.5mm audio

Applications

- Video Conferencing
- Education
- Courtrooms
- Home Office
- Lecture Capture
- Live Streaming

Connection Diagram



Technical Specifications

Audio Specifications	
Microphone Type	360° omnidirectional microphone
Array Microphone	6 built-in microphones forming ring microphone array
Sensitivity	-38 dBFS
Signal Noise to Ratio (SNR)	65 dB(A)
Frequency Response	50Hz ~ 16kHz
Sampling Rate	32K
Pickup range	3m / 10ft
Technologies	Automatic Echo Cancellation (AEC), Automatic Noise Suppression (ANS), Automatic Gain Control (AGC)
Interfaces	
Network Interface	1 x UP: Up cascading network interface (PoE) 1 x DOWN: Down cascading network interface (PoE)
USB Interface	1 x USB (Type C): USB audio interface connecting to USB host
Audio Interface	1 x AECOUT: 3.5mm audio output interface 1 x SPKOUT: 3.5mm audio output interface
General Specifications	
Dimensions	170mm [Φ] x 40mm [H]
Net Weight	370g
Cascade Method	PoE
Power Input	Through USB (5V 500mA) or network (48V PoE) ports