DVDO

DVDO-C6DL-1-G

4K Dual-Lens All-in-One Camera with HDMI/IP/USB & AI Auto Tracking

DVDO-C6DL-1-G is a 4K dual-lens all-in-one camera with AI auto-tracking for video conferencing and collaboration applications.

It combines a close-up PTZ camera with 12X optical zoom, a fixed-focus panoramic camera, 6 beamforming microphones and 2 full-range speakers.

It includes advanced connectivity with HDMI, USB & IP interfaces.

It features cutting-edge AI technologies including voice tracking, auto-framing with face recognition as well as a smart gallery with multiple viewing layouts.

It can be controlled with its remote control or via an intuitive web interface that provides settings configuration and preview options.

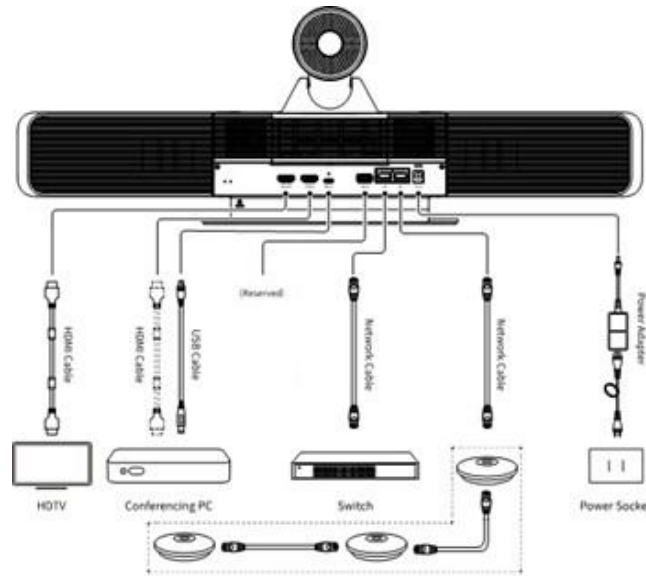It can be placed on a conference table or mounted on a wall or TV.

Features

- 4K dual lens design combing PTZ camera with 12X optical zoom & fixed-focus 120° panoramic lens

- Close-up PTZ camera features 4K UHD 1/2.5-inch CMOS sensor, 71° horizontal FOV, ±90° horizontal rotation & ±23° vertical rotation

- 6 built-in beamforming microphones (BF) and full-range high-fidelity speaker

- Advanced 3A audio technologies: Acoustic Echo Cancellation (AEC), Automatic Gain Control (AGC) & Active Noise Suppression (ANS)

- Advanced connectivity including USB 3.0, HDMI & LAN ports

- Up to 3 cascading extension microphones over LAN (PoE)

- AI technologies: speaker voice tracking, auto framing & smart gallery

- Network control protocols: VISCA, RTSP & HTTP

- Intuitive web interface for camera configuration / control and content preview

- Flexible installation options: tabletop, wall & TV mounting

Applications

- Conference Rooms   - Boardrooms

- Training Rooms   - Education

Interface Diagram

Technical Specifications

Close-up PTZ Camera	
Optical Zoom	12X
Image Sensor	1/2.5-inch high-quality CMOS sensor
Effective Pixels	8.29M (4K UHD 3840x2160)
Video Resolutions	4K30/25, 1080p30/25, 720p30/25
Field of View (FOV)	70.1°~7.4° (H) / 40.7°~4.2° (V)
Iris Value	F1.8~2.6
Pan rotation	-90° ~ +90°
Tilt rotation	-23° ~ +23°
Pan speed	1.7°/s ~ 76°/s
Tilt speed	0.5°/s ~ 15°/s
Preset quantity	255
Digital Noise Reduction	2D & 3D
White Balance	Automatic, Indoor, Outdoor, One-touch, Manual
Other Features	Mechanical PTZ, Horizontal & Vertical Flip, Image Freeze, Auto Focus AF, BLC
Signal-to-Noise Ratio	≥55dB
Panoramic Camera	
Fixed Focus Lens	Focal length: 2.8mm
Image Sensor	1/2.8-inch high-quality CMOS sensor
Effective Pixels	8.51M
Video Resolutions	4K30/25, 1080p30/25, 720p30/25
Field of View (FOV)	117°/108°/74° (D/H/V)
Digital Noise Reduction	2D & 3D
White Balance	Automatic
Other Features	EPTZ, BLC
Signal-to-Noise Ratio	≥55dB

Audio	
Built-in Speakers	2 full-range high-fidelity speakers
Built-in Microphones	6 beamforming microphones, 8m pickup
Audio Processing	3A algorithm (AEC/AGC/ANS)
Sampling Rate	48K (speakers) / 32K (microphones)
Extension Microphone	Cascading through LAN port (PoE)
Interfaces	
Back Panel	1 x HDMI output (video only) 1 x HDMI input 1 x USB 3.0 Type C (AV transmission & firmware update) 1 x USB 3.0 Type A (reserved) 1 x LAN (10/100M adaptive ethernet, AV transmission) 1 x EXT LAN (extension microphones, PoE) 1 x DC12V power interface 1 x Power ON/OFF switch
System Compatibility	Windows, Mac OS, Linux, Google Chromebook
USB Communication Protocol	UVC 1.1, UAC 1.0
Color Space Compression	MJPEG/YUY2
General Specifications	
Security	Kingston anti-theft lock jack
Storage temperature	-40℃ ~ +60℃
Operating temperature	0℃ ~ +40℃
Dimensions	600 (L) x 129 (D) x 198 (H) mm
Weight	5.8kg / 12.8lbs
Power	AC 100-240V Output DC 12V/5A