



USB 4K Video Conference Camera Bar HD Video Conference Camera

Model Arvia 1000B

Remote working has always been a rising trend and nowadays many organisations are more reliant than ever on video conferencing. It has become more and more imperative to make use of the best technical equipment available to ensure a smooth and productive video conference. The 4K Video Conference Camera from ValueHD aims to guarantee effective business communication, work continuity and productivity.

4K Video Conference Camera captures professional quality video with 4K UHD camera lenses, ensuring a super wide 120 degree view angle, 5X optical zoom and lower optical distortion. Its built-in noise-canceling beamforming microphone picks up voices within 6 meters and along with its built-in HiFi speaker, they guarantee crystal clear conversations in huddle rooms.

Moreover, functions such as automatic framing and automatic voice-tracking of participants are specifically designed to enable smooth and successful video conferences. 4K Video Conference Camera is a Plug-and-Play device, connect it to your PC or TV through a USB 2.0, 3.0 or HDMI cable and start the meeting within seconds.

APPLICATION SCENARIOS

Dedicated to huddle room containing 4-6 attendees,
Enable enterprise re-tap the potential
of using the small and micro meeting space.



4K Ultra HD resolution

FACE TO FACE COMMUNICATION

Support 4K ultra high definition, maximum can provide 4K@60fps image encoding output,
and backward compatible with 1080p, 720p and other resolutions.

Easy installation | Plug-and-play | Convenient effective



BEAMFORMING MICROPHONE

Beam Forming, BF, pickup distance of 6 meters, low distortion lateral beam forming algorithm can guide the microphone directly to the speaker.



HiFi Speaker

Beamforming Microphone

Super delicate pictures, listening to the speaker position

4K UHD + AUTO-VOICE TRACKING

Auto-framing to attendees, Auto-tracking to the speaker, Auto-switching to the speaker pictures, Enable the speaker in the clear output image at any time.



4K UHD

1080HD

121° Wide FOV + 5x Zoom



AEC/AGC/ANS

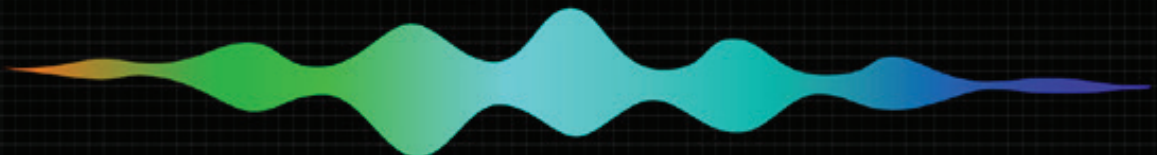
AUDIO 3A ALGORITHM

full duplex dialogue, can meet the communication needs of different room structures,
Whether sitting at a conference table, sitting against the wall or standing,
can have comfortable talking experience.

Outstanding Sound Experience

Built-in HF speaker

Full frequency Hi-Fi loudspeaker, professional,
acoustics design, reduce noise interference, provide outstanding sound effect.



High integration, strong compatibility

SIMPLE INTERFACE, PLUG AND PLAY

USB3.0

USB2.0

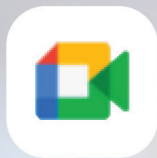
HDMI



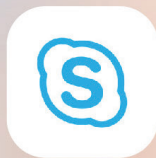
Easy to operate

Mainstream video conferencing APP

Applicable to mainstream video conferencing applications
Skype for business, Teams, Lifesize, zoom, etc



Google Meet



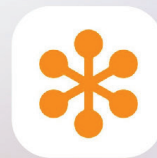
Skype for Business



BlueJeans



Cisco



GoToMeeting



Lync



Teams



Lifesize



zoom



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SPECIFICATION

Camera	
Video System	4K@60fps, 4K@30fps, 1080P@60fps, 1080P@30fps, 720P@60fps, 720P@30fps
Sensor	1/2.5 inch, CMOS, 8.51M pixel
Lens	120° (DFOV) , 110° (HFOV) , 5x zoom, pan/tilt ±15°
PTZ	MPT + EPTZ
Digital Noise Reduction	2D&3D digital noise reduction
Video S/N	≥55dB
Backlight Compensation	Support
Audio	
Full frequency speaker	96 dB SPL in the case of 0.5 meter
Microphone array	Beamforming microphone, pick up distance up to 6 meters
External MIC	Support (Optional, extral cost)
USB features	
Connection type	USB 3.0, downward compatible with USB2.0
Video Compression	H.264 / MJPEG /YUY2 /NV12
USB audio	32K sampling rate, support UAC2.0
USB video communication protocol	UVC 1.1~1.5
UVC PTZ control	Support

ARV ALL IN ONE 1000B



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