MuxMeet Videobar with Control

500822

Overview

The MuxMeet Videobar with Control (model: 500822) is an all-in-one video conference sound bar specially designed to help enterprises realize the full potential when using small and medium meeting spaces. The three-in-one design of 4K ultra-HD camera, beamforming microphone and full-frequency range loudspeaker reduces wiring clutter and simplifies video and audio communications. Featuring an 20MP camera with 120° wide field of view, 4 microphones with a pickup distance of 6 meters, intelligent DSP technology for Acoustic Echo Cancellation and a powerful 8W speaker designed for users to clearly hear every word spoken. AI tracking enables to track group or speaker using heads, faces and human shapes. IP Control enable the user to change configuration parameters on the fly for a seamless integration.

The MuxMeet Videobar works well with the most popular video conferencing platforms, such as Microsoft Teams, Zoom, BlueJeans, GoToMeeting among others.

Applications

- Conference Rooms
- Classroom Projector Systems
- Collaborative PC Systems
- Digital Signage
- Educational Institutions
- Boardroom Systems

Key Features

- True plug and play all-in-one 4K-UHD Camera, beamforming microphone and full-frequency range loudspeaker
- 20MP camera with 120° wide angle view and 5x digital zoom
- Pan / Tilt support ±15°
- Built-in microphone with 6-meter pick-up distance
- High quality noise reduction system with echo cancellation
- Auto Tracking and Auto Framing
- Bluetooth 5.0 connectivity
- Local HDMI Input and output
- May be table-top or wall-mounted
- Supports IP Control
- Supports extended microphones

Specification

Camera

Video System	4K@30fps, 1080P@60fps, 1080P@30fps, 720P@60fps, 720P@30fps
Sensor	1/1.8 inch, CMOS, 20M pixel
Lens	114°(DFOV), 105°(HFOV), 5x Digital Zoom, Pan/Tilt ±15°
PTZ	Mechanical PTZ (MPT) + Electronic PTZ (EPTZ)
Digital Noise Reduction	2D & 3D Digital Noise Reduction
Digital Output	12-bit
Colour Depth (bits)	8 bit
Video S/N	≥55dB
Backlight Compensation	Support

Loudspeaker

Full Frequency Speakers	96 dB SPL at 0.5 meter
Number of output channel	Mono
RMS power (W)	8W UVC 1.1
Frequency Range (Hz)	100Hz-16KHz
Sensitivity (dB)	82 +/- 3dB
SNR (dB)	69dB
Speaker impedance (ohm)	8 Ohm

Microphones

Microphone Array	Beamforming microphone
Frequncy range (Hz)	100Hz-10KHz
Sensitivity (dB)	-38dB
SNR (dB)	65dB
THD (%)	1% Max @ 1KHz, 100dB SPL
Impedance (ohm)	400Ohm @ 1KHz
Pickup pattern	Omni directional
Sample Bitrate	512Kbps
Sample Frequency	32KHz
Microphone quantity buil-in	4
Pickup distance	6 meters

USB

Connection Type	USB 3.0, downward compatible with USB 2.0
Color system/compression	MJPEG and YUV2
USB Audio	32K sampling rate, support UAC 1.0
USB Protocol	UVC 1.1
UVC PTZ Control	Supported (ePTZ)

Input/Output Interface

HDMI Input	1 x HDMI version 1.4b
HDMI Output	1 x HDMI version 1.4b
USB Interface	1 x USB 3.0, type C 1 x USB 2.0, type A
Ethernet Interface 1	1 x RJ45 10/100Mb
Ethernet Interface 2	1 x RJ45 for expansion microphone support PoE
Power	1 x Barrel Jack 12VDC, 5A (Max)

Generic Specification

Control Method	2.4G Remote Control, TCP/IP and UDP Command
Installation Method	Table-top or wall-mountable
Operating Temperature	0°C ~ 40°C
Storage Temperature	-40°C ~ 60°C
Unit Dimensions (DxWxH)	4.55" x 23.62" x 5.31" (117mm x 600mm x 135mm) holder included
Unit Weight	5.511 lbs (2.5Kg)
Warranty	2 Years
Order Information	500822 MuxMeet Videobar with Control (UPC: 627699008225)

Application Example

MuxLab

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2321 Cohen | St-Laurent , H4R 2N7 | Québec, Canada Tel: 514-905-0588 | Fax: 514-905-0589 | Toll free: 1-877-689-5228 info@muxlab.com | salesteam@muxlab.com | www.muxlab.com