

Lumens[®]



MS-10

4K Video Soundbar



A complete video conferencing unit incorporating a high-quality auto-framing camera, multiple omnidirectional microphones, and a high-fidelity speaker system.

Lumens MS-10 is an all-in-one VC camera, microphone, and speaker system for conferencing, collaborative meetings, and unified communications. Compliant with all major platforms (including Teams, Zoom, and WebEx), MS-10 is certified to support Barco Clickshare for truly interactive meetings.



Key Features

- Complete voice and video VC system
- 4K sensor with auto-framing
- Designed for monitor or wall mounting (TV mounting kit included)
- USB connectivity with Ethernet and IR control
- 5 year warranty



Auto-Framing

The MS-10 features sophisticated auto-framing technology: its camera intelligently identifies participants in the room and adjusts the zoom angle to incorporate every guest. With an ultra-wide 120° field of view and the ability to zoom in 4x, the camera can be used by individuals and groups in fully automatic mode. The unit is optimized to deliver superb HD or 4K output at all zoom settings.



Beamforming Microphones

With multiple participants in a huddle room or meeting space, capturing clear sound is crucial for an effective video conference. MS-10's five omnidirectional microphones have echo cancellation and noise suppression to capture every participant's voice clearly. The mics comfortably pick up voices whether they are sitting directly in front of the unit or up to 5 meters away from the device.



Clear Voice Speaker

MS-10 incorporates a 20W speaker to deliver sound output that can fill small and medium sized meeting rooms. Distortion is very well controlled at higher volumes, providing clear and natural voice communications.



Video Quality

Benefitting from Lumens' expertise in broadcast production, MS-10's large 4K CMOS sensor captures beautifully crisp pictures with natural skin tones. There's no need to adjust the settings: the UC Video Soundbar is designed to perform out of the box. Even in poorly lit rooms, the camera performs very well, giving remote participants a great conferencing experience.



Data Bridging

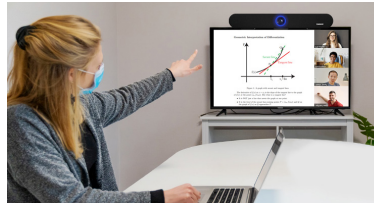
Like most webcam devices, MS-10 is connected via USB. When linked to the network using Ethernet, MS-10 also acts as a bridge to deliver Internet connectivity to the host laptop over USB. This means that the PC or Mac running the video conferencing software is no longer reliant on WiFi for streaming. Nor does the operator need to connect a separate Ethernet cable to the computer for network access – all connectivity (video, audio, control and network data) is routed thru a single USB port to the MS-10. This approach saves time cabling the laptop, reduces the risk of cable tangle, delivers a solid data connection and provides reliable two-way video communication.

Applications



Video Conferencing

Ideal for huddle rooms with up-to 8 participants.



Distance Learning

Perfect for lecture sharing, e-classrooms, group discussions with remote students, interactive workshops and collaborative seminars.



Telemedicine

Integrates with secure communications software to bring medical professionals together.

Product Specifications

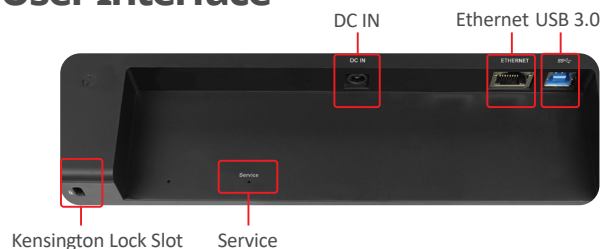
Camera	
Sensor	1/2.8" 8.29MP CMOS
Viewing Angle	110° (H) / 74° (V) / 120° (D)
Lens	Fixed Lens (F2.2)
Resolution (Max.)	3840x2160
Minimum Focus Distance	50 cm
Zoom	4x (Max)
ePTZ	Yes
Auto Framing	Yes
WDR	Yes
2D/3D Noise Reduction	Yes
Video Format	MJPEG
Presets	IR Remote Control : 3 USB Command : 128
Built-in Mic	
Mic Element	5 Mics
Pickup Distance	5 Meters
Frequency Response	50Hz ~ 8KHz
Sensitivity	-16 dBV
SNR	76 dBV
Echo Cancellation	Yes
Noise Suppression	Yes

Speaker	
Configuration	20W, Speaker Element x1 + Passive Diaphragm x1
Frequency Response	20Hz ~ 20KHz
Speaker Max SPL	95±3dB 0.5m/5W
Distortion	5% AT 5.0W / 4.47V 1KHz
Interface	
Power Input	Input: 110 ~ 240 VAC, 50/60 Hz, 1.0A max.
USB	USB 3.0 Type-B, Compatible USB2.0
RJ-45	USB bridge to Ethernet
LED Indicator	Ring, 3 Color LED (Green, Blue, Red)
Remote Controller	Yes
Others	
Kensington	Yes
Mount	TV Mount, Bracket
Weight	3.8 lbs (1.7 kg)
Dimensions (WxLxH)	23.51" x 3.55" x 2.95" (597 x 90 x 75 mm)

Compatible Software



User Interface



Lumens®

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