

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

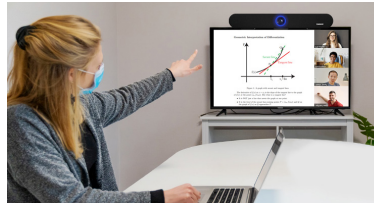
Like most webcam devices, MS-10 is connected via USB. When linked to the network using Ethernet, MS-10 also acts as a bridge to deliver Internet connectivity to the host laptop over USB. This means that the PC or Mac running the video conferencing software is no longer reliant on WiFi for streaming. 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.



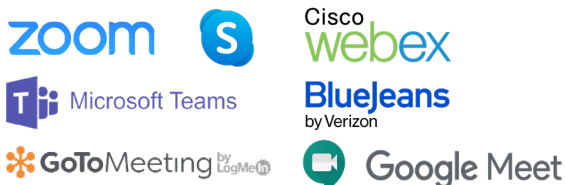
Telemedicine

Integrates with secure communications software to bring medical professionals together.

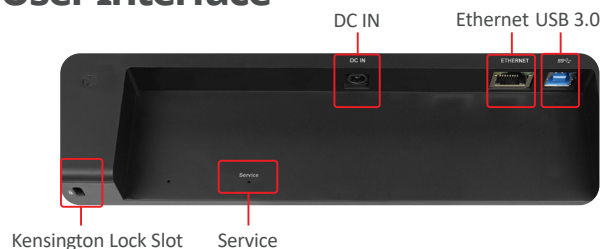
Product Specifications

Camera		Speaker	
Sensor	1/2.8" 8.29MP CMOS	Configuration	20W, Speaker Element x1 + Passive Diaphragm x1
Viewing Angle	110° (H) / 74° (V) / 120° (D)	Frequency Response	20Hz ~ 20KHz
Lens	Fixed Lens (F2.2)	Speaker Max SPL	95±3dB 0.5m/5W
Resolution (Max.)	3840x2160	Distortion	5% AT 5.0W / 4.47V 1KHz
Minimum Focus Distance	50 cm	Interface	
Zoom	4x (Max)	Power Input	Input: 110 ~ 240 VAC, 50/60 Hz, 1.0A max.
ePTZ	Yes	USB	USB 3.0 Type-B, Compatible USB2.0
Auto Framing	Yes	RJ-45	USB bridge to Ethernet
WDR	Yes	LED Indicator	Ring, 3 Color LED (Green, Blue, Red)
2D/3D Noise Reduction	Yes	Remote Controller	Yes
Video Format	MJPEG / YUY2 / NV12	Others	
Presets	IR Remote Control : 3 USB Command : 128	Kensington	Yes
Built-in Mic		Mount	TV Mount, Bracket
Mic Element	5 Mics	Weight	3.8 lbs (1.7 kg)
Pickup Distance	5 Meters	Dimensions (WxLxH)	23.51" x 3.55" x 2.95" (597 x 90 x 75 mm)
Frequency Response	50Hz ~ 8KHz		
Sensitivity	-16 dBV		
SNR	76 dBV		
Echo Cancellation	Yes		
Noise Suppression	Yes		

Compatible Software



User Interface



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