MAXURE MX SERIES

ALL-IN-ONE VIDEO BAR

Model MX-VB-500



OVERVIEW

The MAXURE MX-VB-500 is an all-in-one dual-lens 4K video bar designed for clear, natural collaboration in meeting rooms. Its panoramic camera captures the entire room, while a close-up PTZ camera with 12× optical zoom brings speakers and presenters into focus.

AI group framing, speaker tracking, presenter tracking and Smart Gallery adjust the view as the meeting changes. Six beamforming microphones pick up voices from up to 8 metres, while two full-range speakers provide clear room audio.

A high-speed USB-C connection supports video transfer. Wired and wireless BYOM options offer flexible ways to connect and start meetings.

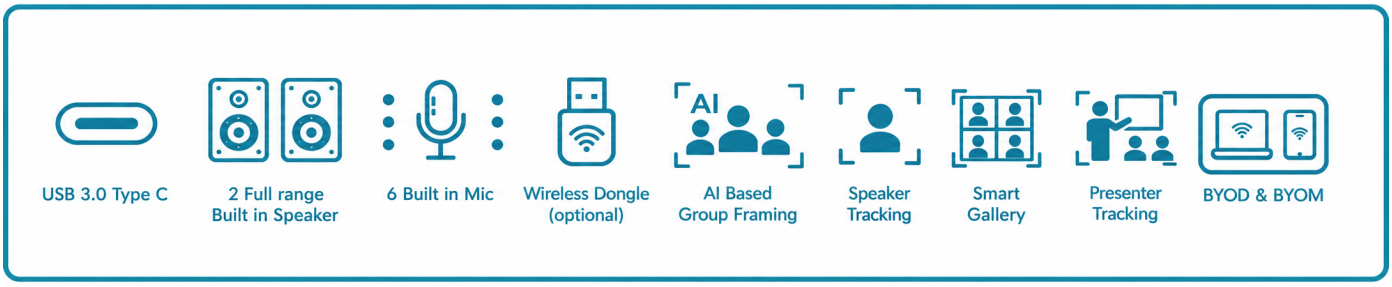
HIGHLIGHTS

- Dual 4K cameras with panoramic and close-up views
- 12× optical zoom and fast, accurate autofocus
- AI group framing, speaker and presenter tracking
- Smart Gallery for individual participant views
- Six beamforming microphones; pickup up to 8 m
- Two full-range speakers
- Wired and wireless BYOM connectivity

MX-VB-500 SPECIFICATIONS

Dual-lens 4K USB video bar

CLOSE-UP PTZ CAMERA	
Sensor	CMOS, 1/2.5 in; 8.29 million effective pixels
Video resolution	4K 30 fps; 1080p 30 fps; downward compatible
Zoom / focal length	12× optical; f = 4.4–51.1 mm; F1.8–2.6
View angle	70.1°–7.4° (H); 40.7°–4.2° (V)
Pan / tilt	−90° to +90° / −23° to +23°
Pan / tilt speed	1.7°–76°/s / 0.5°–15°/s
Image flip / freeze	Supported / supported
Presets / accuracy	255 / 0.1°
Autofocus	Supported
White balance	Auto, indoor, outdoor, one push, manual
BLC / DNR	On–off / 2D and 3D
Signal-to-noise ratio	≥55 dB
PANORAMIC CAMERA	
Sensor	CMOS, 1/2.8 in; 8.51 million effective pixels
Video resolution	4K 30 fps; 1080p 30 fps; downward compatible
Focal length	2.8 mm fixed
View angle	117° (D); 110° (H); 74.6° (V)
ePTZ / white balance	Supported / auto
BLC / DNR	Supported / 2D and 3D
Signal-to-noise ratio	≥55 dB
AUDIO	
Speakers	2 full-range speakers
Microphones	6 analog beamforming microphones
Pickup distance	Up to 8 m
Audio 3A / expansion mic	Supported / supported
Sampling rate	Microphone 32 kHz; speaker 48 kHz
CONNECTIVITY AND CONTROL	
USB 3.0	1 × Type-C
HDMI	1 × HDMI for local video display
USB 2.0	1 × Type-A female for wired expansion mic
RJ45 ports	2: PoE expansion mic; 10/100 Mbps Ethernet A/V
Power	DC 12 V
Wi-Fi 5	Wireless BYOM and BYOD projection*
Remote control	Supported



*Wireless screen projection requires an additional screen-casting device.

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