

All-in-One Video Bar

Tenveo Vmax Bar

4K Camera, Stereo Speaker & Beamforming Mics



4K
RESOLUTION

3-IN-1

AI
Auto Tracking

NDI[®] | HX2

5X
Digital Zoom

**USB+HDMI
+RJ45+WIFI**

93.5°
Wide-angle

**REMOTE
CONTROL**

Tenveo Vmax Bar integrates a 4k wide-angle AI camera, powerful stereo speaker and a beamforming 8-microphone arrays into one device, offering you extraordinary audio and video experience. With its outstanding functions and exquisite design, Vmax Bar is ideal for small meeting room, huddle room as well as home office.

DELIVER 4K TRUE-TO-LIFE IMAGE

Featuring a 93.5° super-wide-angle lens with 5x digital zoom, this 4K ultra-HD video bar easily accommodates huddle rooms where attendees sit on either side of the camera, and can bring you top-of-the-line image quality, making you feel like you're sitting face-to-face with the far-end attendees.



FOLLOW YOU IN REAL TIME

The innovative auto-tracking feature of Vmax Bar is a game-changer, utilizing facial recognition software to seamlessly follow the speaker, ensuring they are always in focus. The 4k video bar supports 4 auto-tracking modes: single person tracking, speaker tracking, participant tracking and close-up of speaker. And its ability to pre-set 3 camera positions with IR Remote saves time in meetings and helps ensure the best view of participants.



SOUND YOUR BEST, HEAR EVERY WORD, LOUD AND CLEAR

Vmax Bar is fitted with 8 array powerful built-in microphones, accurately capturing voices at up to 6 meters. Coupled with 1 stereo speaker and state-of-the-art 3A audio (AEC/ANS/AGC) processing technology, the video bar provides echo cancellation, noise reduction, and automatic gain control, ensuring clear and accurate communication every time.

FLEXIBLE SET-UP

The AI Auto Tracking Video bar is easy to deploy, easy to manage and easy to use in small and medium rooms, when you need meetings to start on time and without any hiccups. Having plug-and-play connectivity makes it compatible with applications that support standard USB/HDMI/RJ45 peripherals without the need to install drivers, eliminating the need for technical assistance during initial setup. Its optional wireless dongle connection further simplifies installation. The video bar comes with adjustable mounting bracket, so you can easily place it on a desk, or mount it onto a wall or TV.



WORKS WITH LEADING UC PLATFORMS

Compatible with Windows7, Windows10, Mac OS 10.10 or higher systems, suitable for mainstream cloud video platforms, including but not limited to the following: Microsoft Teams, Skype for Business, Zoom Room and Zoom clients, Tencent conference, DingTalk, Huawei Cloud WeLink, etc.

Model No.	Vmax Bar		
Name	4K UHD AI Webcam with mic and camera Video Bar		
Scenario	Medium and huddle rooms, 4-6 participants		
Video			
Pixels	8.42 MP		
Digital Zoom	5X		
FOV	D: 93.5°, H: 84.4°, V: 53.1°		
Resolution	4K@30		
Focus	Fixed Focus		
AI Modes	Single person tracking, speaker tracking, participant tracking, close-up of speaker		
Backlight compensation	Support		
SNR	>55db		
Digital Noise Reduction	2D&3D		
Video Signals	MJPEG: 3840*2160P@30/25fps, 1920*1080P@60/50/30/25fps, 1280*720P@60/50/30/25fps H.264: 3840*2160P@30/25fps, 1920*1080P@60/50/30/25fps, 1280*720P@60/50/30/25fps YUY2/NV12: 1920*1080P@30/25, 1280*720P@30/25fps, 640*480P@30/25fps		
Video Encoding Format	H.265/H.264/MJPEG		
Network Protocol	NDI HX2, RTSP, RTMP, ONVIF; Support VISCA OVER IP		
PTZ		Audio	
Rotation	pan:±10°, tile:±10°	Built-in Mic	8
Digital Zoom	5X	Built-in Speaker	1, Sensitivity 83dB+-2dB
Preset	3	Voice Pickup Range	6 Meters
USB Features		Audio sampling rate	Output: 16kHz,44.1KHZ,48KHZ; Input: 16kHz
Connection Type	USB3.0	Audio codec protocol	AAC
Color Space	YUY2,NV12	Audio processing	AEC (acoustic echo cancellation), automatic noise reduction, automatic gain
Communication Protocol	UVC1.0, UAC, UVC PTZ Control (Support ePTZ)	Expansion Mics	Support connect expansion mic via USB
Interfaces		Remote	
HD Interface	1xHDMI	IR remote	1
USB Interface	1 x USB 3.0, Type-B; 1 x USB2.0; Type-A	Electrical Specs	
Network Interface	1 x RJ45: 10/100/1000M Adaptive Ethernet, Support POE	Voltage	DC 12V
WiFi (Optional)	2.4G WiFi, Support WiFi Dongle	Power Consumption	TBD
Antenna interface	1, ANT	Environmental Specs	
(optional, only apply with Wifi)		Work Temperature	0℃ ~ 50℃
Power interface	1, DC12V	Store Temperature	0℃ ~ 60℃
		Work Humidity	20 ~ 85% RH
Certification		Pack List	
Certification	RoHS, CE, FCC	Camera	1
Compatibility		Remote	1
USB Compatibility	Windows 10 or higher, MACOS 10.10 or higher	Power Adapter	1.5 meters
Size & weight		USB3.0	1.2 meters
Dimension	522.7mm*107.5mm*135.3mm	WiFi Dongle	1 antenna, 1 receiver
Weight	2.4 KG	(optional)	
Installation		Mounting bracket	Including desktop stand, 1 wall mount bracket (optional)
Installation	Including desktop tripod, also can be installed on TV, wall via wall mount	Screw package	1 Pack
		(optional)	
		Manual	1

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