

All-in-One USB Video Bar for Huddle and Small Room

The Sofeno VCB500 is the all-in-one USB video conferencing device. The product is featured with 110° horizontal ultra-wide-angle, 8 mega-pixel lens, 4K ultra-clear video calls, as well as auto framing, etc. that provide users an elegant and high-quality video conferencing experience. The built-in 5-element omnidirectional microphone array and customized wideband 20W speaker, combined with the latest algorithms, enable flawless full-duplex two-way communication within 5 meters range.

VCB500 integrates the conference camera, microphones and speaker unit, so you can wipe away the messy cables and keep your conference space neat and organized.



Key Features

4K and Ultra-Wide Angle

VCB500 has a 110° horizontal ultra-wide-angle camera with a larger wide-angle than the most traditional 83-degree lens on the market with no image distortion. All conference participants can be captured and seen easily with the camera range covering every corner of the meeting room. Thanks to the 8 mega-pixel camera that enables 4K ultra-clear video calls, all details are vivid, and it feels just like an in-person meeting.

Auto Framing

VCB500 supports the AI feature Auto Framing. It can identify and track conference speakers with the latest CNN neural network AI technology and automatically zoom in to frame the best view accordingly.

- 4K camera
- SONY sensor
- 5 microphone array
- AI feature: Auto framing
- 20W HD speaker
- USB Plug and Play

Datasheet

Camera/Video

- 8MP camera
- SONY sensor
- 4x e-PTZ camera
- Ultra HD 4K@30FPS, Full HD 1080P@30FPS
- Horizontal FOV 110°
- Automatic White Balance and Exposure
- Intelligence Features
 - Auto Framing
- Real-time Scaling and De-warping

Microphone/Speaker/Audio

- 5 beamforming microphone array
- Type: Omnidirectional
- Voce pickup: 5 meters
- Microphone Frequency Response:
 - 30 Hz to 20 kHz
- Noise Suppression & Noise Cancellation
- Full-duplex communication
- DSP
- Auto Echo Cancellation
- Auto Gain Control
- 20W Speaker
- Speaker Frequency Response:
 - 80 Hz to 20 kHz
- Speaker Volume:
 - 82dB SPL @1kHz at 0.5m

System Requirements

- Windows 8.1, 10
- Mac OS 10.10 or higher

Connection

- Type-A USB 3.0
- 1.8M USB cable

Package

- Sofeno VCB500 video bar
- Remote controller
- Wall-mounted bracket and accessories
- Power supply

Dimension

Without brackets:

- 602.5 W x 93 H x 74 D (mm)

Operation Conditions

- Operating temperature: 0~40°C
- Relative humidity: 5~95%
- Storage temperature: -25°C ~70°C

Warranty

- 2-year limited warranty





About Sofeno

Sofeno is the voice and video peripheral solutions supplier of video conferencing and collaboration to global SMB customers and personal users. We are committed to providing the high cost-effective peripherals including All-in one video bars, Webcams, Speakerphones and Headsets, which are widely used in their daily communications and meetings. Our mission is to help more and more users to have a high-quality communication in video conferencing and improve the productivity.

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