



4ALCONF JUNIOR USB VIDEOBAR 4K

Data sheet

Summary

- ✓ All-in-one video bar for video conferencing
- ✓ Camera, microphone and speaker in the same unit
- ✓ USB connection for easy installation
- ✓ Optimized for small and medium-sized meeting rooms

Product description

Voxicon 4ALCONF USB Videobar 4K with Microphone and Speaker

All-in-one solution for modern meeting rooms

Voxicon 4ALCONF USB Videobar 4K is a compact video bar that combines camera, microphones and speakers in a single unit. It is designed for smaller meeting rooms where easy installation and high audio and video quality are crucial. With USB connection and plug-and-play, it works directly with popular video platforms.

Key features:

- All-in-one video bar for video conferencing
- Camera, microphone and speaker in the same unit
- USB connection for easy installation
- Optimized for small and medium-sized meeting rooms

4K camera with intelligent image management

The integrated camera delivers sharp video quality up to 4K resolution and is equipped with functions such as auto-framing and AI-based tracking. This ensures that participants are always correctly framed during meetings.

- 4K resolution (3840 × 2160 @ 30 fps)
- 116° wide angle for broad coverage
- Auto framing and AI tracking
- 5x digital zoom (ePTZ)

Advanced audio pickup and clear communication

With an integrated microphone array with four microphones, the unit captures sound up to 8 meters. Technologies such as noise reduction and automatic gain control ensure clear communication even in dynamic environments.

- 4 built-in microphones
- Up to 8 meter pickup range
- AEC, ANS and AGC audio technology
- Built-in speaker (5 W)

Flexible connectivity and easy use

The video bar connects via USB and is compatible with Windows and Linux. It also supports HDMI, Bluetooth remote control and external audio devices, which makes it flexible in different installation environments.

- USB 2.0 (plug-and-play)
- HDMI and USB-C connections
- Bluetooth remote control
- Line-in and line-out for audio expansion

Technical Specification Matrix

Header

Manufacturer	Voxicon
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Camera

Megapixel (approx.)	8.51 MP
Optical sensor size	25.4 / 2.8 "
Digital zoom	5 x
Zoom capability	Yes
Camera type	Single camera
Sensor type	CMOS
Field of view (FOV) angle	116 °
Back Light Compensation (BLC)	Yes
White balance	Auto, Indoor, Manual, One push, Outdoor
Signal-to-Noise Ratio (SNR)	55 dB
3D NR (Noise Reduction)	Yes
Flip & mirror	Yes
PTZ control	Yes

Video

Maximum video resolution	3840 x 2160 (4K/UHD) pixels
Maximum frame rate	30 fps
HD type	4K/UHD
Video formats supported	H.264, H.265, MJPG, YUV2
Supported video modes	1080p, 2160p, 480p, 720p

Design

Product colour	Black
Mounting type	Stand/Wall mounting
LED indicators	Status

Performance

Auto framing	Yes
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Ports & interfaces

HDMI ports quantity	1
USB Type-C connector	Yes
Line-in	Yes
USB 2.0 Type-C ports quantity	1
Line-out	Yes

Power

Power source type	DC
AC input frequency	50-60 Hz
AC input voltage	240 V
Operating voltage	12 V

Packaging content

Remote control included	Yes
Power supply included	Yes
Cables included	USB
Remote control batteries included	Yes
Mounting kit	Yes

Audio

Built-in microphone	Yes
Automatic gain control	Yes
Number of microphone arrays	1
Built-in speaker(s)	Yes
Number of microphones	4
Echo cancellation	Yes
Microphone pick-up range	8 m
Noise reduction	Yes

Packaging data

Packaging languages	English
Manual languages	English
Package type	Box