

Data Sheet

iCAM-SB4-ACE

4K Ai Auto Tracking VideoBar

The iCAM-SB4-ACE is an all-in-one 4K USB video bar designed for individual and huddle room video collaboration. Its 4K ePTZ camera offers two smart modes AI Auto Framing and AI Speaker Tracking automatically following participants and keeping them centered on the screen.

Equipped with a built-in microphone array and an independent speaker, the iCAM-SB4-ACE features advanced audio algorithms for acoustic echo cancellation and noise suppression, ensuring clear communication. Compatible with all major VC applications and UC platforms, it operates easily via USB plug-and-play, creating an immersive, face-to-face meeting experience.



✓ Features

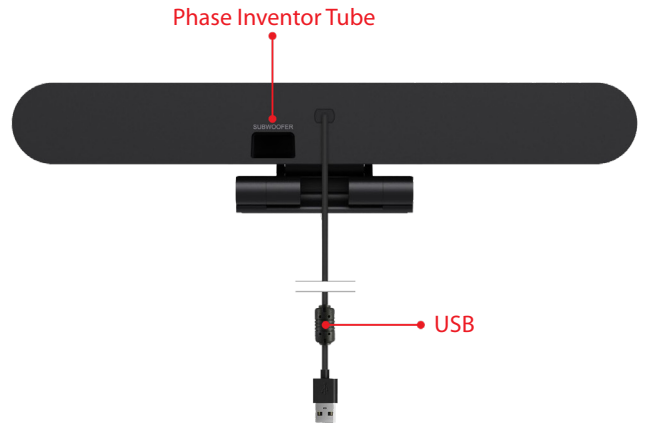
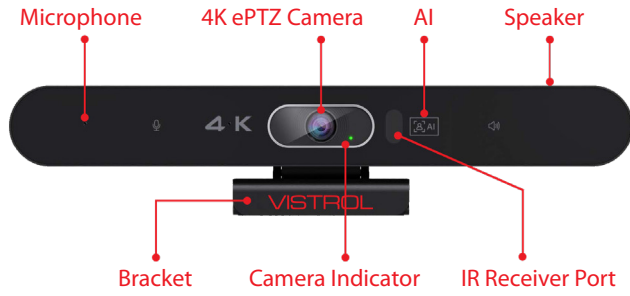
- 4K ePTZ Camera
- Auto Framing
- AI Speaker Tracking
- Microphone Array
- Hi-Fi Speaker

✓ Technical Specifications

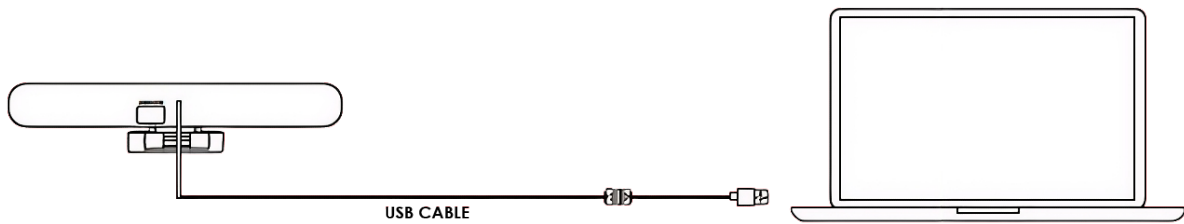
CAMERA FEATURES	
Model Number	iCAM-SB4-ACE
Sensor Size	1/3.0"
Pixel	8.0 Mega-Pixel (4K)
Focus Mode	Auto Framing and Face Tracking
Zoom	4x Digital Zoom
AI Function	AI Speaker Tracking
Interface	USB 2.0
Image Resolution	Maximum 3840 x 2160 @30fps
Photo Resolution	Maximum 3840 x 2160
View Angle	D94° / H90° / V55°
Minimum Illumination	50 Lux
Aperture / Brightness / Contrast	Automatic
Shortest Shooting Distance	50 cm
White Balance	Automatic
Frame Rate	Maximum 30fps (MJPEG)
AUDIO FEATURES	
Microphone Quantity	2x Microphones
Directivity	Omnidirectional
Signal to Noise Ratio	64.5 dB

Sensitivity	-26 dB
Maximum Sound Pressure Level	120 dB
Frequency Response	20 Hz – 8 kHz
Voice Pickup Range	Up to 7m
SPEAKER	
Speaker Type	Built-in Hi-Fi Speaker
Audio Processing	3A Audio Processing (AEC, AGC, ANS)
SYSTEM COMPATIBILITY	
Windows	Windows 11 / 10 / 8 / 7
macOS	macOS 10.10 or above
Chrome OS	Supported
Android	Android 5.0 or above
APPLICATION COMPATIBILITY	
Software Support	Compatible with applications that support standard USB audio and video drivers
PHYSICAL SPECIFICATIONS	
Camera Dimensions	260 (W) x 56 (H) x 60 (D) mm
Camera Weight	0.4 kg
Package Dimensions	275 (W) x 98.5 (H) x 78 (D) mm
Package Weight	0.55 kg
PACKAGE CONTENTS	
Conference Camera	1
User Manual	1
Camera Remote Control	1
ADDITIONAL FEATURES	
Cable Length	1.8 m
UVC Protocol	Yes
LED Indicator	Yes
Mounting Bracket	Yes
Remote Control	Yes
Camera Angle Adjustment	Flexible 90° Adjustment
ENVIRONMENTAL CONDITIONS	
Operating Temperature	0°C – 40°C
Relative Humidity	5% – 95% (Non-condensing)
Storage Temperature	-10°C – 70°C

✓ Product View



✓ Connections



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