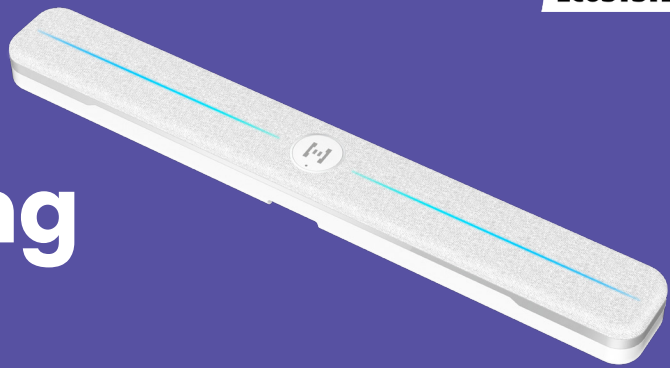


A31S Beamforming Microphone



Sonority
Ecosystem



AI Noise
Suppression



AI Echo
Cancellation



Full-duplex



Daisy-chain



POE supported

The Ultimate Multifunctional Network Array Microphone

Experience a revolution in collaborative communication with the all-new Sonority ecosystem, brought to you by Hamedal. The Hamedal A31S is a cutting-edge, multifunctional network array microphone designed to reshape the way we collaborate.

Featuring the power of advanced edge computing and equipped with 3D spatial audio technology and virtual microphone capabilities, the A31S provides unparalleled audio performance. With its AI-driven noise reduction, echo cancellation, intelligent full-duplex communication, and feedback suppression algorithms, this device delivers high-quality audio capture within an impressive 8-meter radius.

VoiceCAP Pro 3D – Immersive Audio Capture

The 3D spatial audio technology ensures stable audio capture even in challenging acoustic environments. It overcomes the instability issues typically associated with traditional beamforming microphones and effectively suppresses interference from outside the capture area.

Robust Networking and the Sonority Ecosystem

The A31S supports IP-based audio mixing and networking, allowing seamless integration with up to 8 A31S array microphones via POE Ethernet connections. It also offers AV over IP capabilities, making it compatible with a diverse range of audio devices, catering to complex meeting space audio requirements within the Sonority ecosystem.

Clairaudience – Virtual Microphone Technology

With Hamedal's proprietary virtual microphone technology, the A31S creates a 3D audio capture space with a 5cm grid, ensuring consistent and high-quality audio capture regardless of participants' positions or movements during remote meetings.

Flexible Installation Options

The A31S boasts an elegant linear design that seamlessly integrates into various meeting spaces. It offers multiple customizable audio capture settings, making it versatile enough to be placed on a meeting room table, embedded in a desk, mounted on a wall, or even installed in the ceiling, effortlessly blending with the room's design.

Hemadal A31S Datasheet		
Module	Features	Technical specifications
Microphone Features	Type	8-unit MEMS microphone array
	Sensitivity	-35dBV/Pa 94dB SPL@1kHz
	SNR	68dBV/Pa 94dB SPL@1kHz,A-weighted
	THD	< 0.3%
Audio characteristics	AI Noise suppression	Support
	Full Duplex	Support interrupting and continuous 2-way talk
	Echo cancellation	Support
	AGC	Support
	Reverberation suppression	Support
	Intelligent mixing	Support
	Adjustable pickup angle	150° x 60° ; 150° x 90° ; 150° x 120° ; 180° x 180°
Interfaces	PoE In	RJ45*1
	PoE Out	RJ45*2
	Power Port	DC 54V/3.33A
	USB	USB Type-B 2.0
	TRS Out	Reserved
	RESET	Support
Daisy-chain	Cabling	Cat6 network cable
	Max. devices	8
Physical	Net weight	1027 g
	Dimension	560mm(L) *70mm(W) *40.2mm(H)
	Installation	Suspended/Desktop/Wall mounting
	Packing List	A31S*1, Desktop Bracket*1, Power adapter*1, USB cable*1, Remote*1, User manual*1

*All tech specs are subject to change without notice.