

Nearity 360 Alien Conference Camera



4K Image
with four-cam
Array



360° View Angle,
Smart Block



3 AI View Mode



6 Omni-Mics



Wireless Dongle



Hi-Fi Speaker

The Nearity 360 Alien is a next-generation 4K panoramic video conferencing device powered by a four-camera array and AI speaker tracking. It delivers a seamless 360° view of the meeting room, ensuring every participant is clearly seen. Featuring a built-in 6-mic array with advanced noise suppression, echo cancellation, and AGC, plus support for external expansion mics, it guarantees crystal-clear audio even in large or acoustically challenging rooms. With its wireless dongle for plug-and-play setup, users can avoid costly cable installations and start meetings in seconds. Designed for hybrid collaboration, the 360 Alien is the ideal solution for medium to large meeting rooms seeking immersive, professional-grade video and audio.

Product features

4K Ultra HD with 360° Wide-Angle Lens

Four-camera array with 8MP CMOS sensor and patented stitching technology delivers a seamless 360° Ultra HD view, ensuring everyone is clearly visible.

AI-Powered Enhanced Audio Coverage

Built-in 6 MEMS microphones with AI noise cancellation, beamforming, echo cancellation, and AGC provide up to 18dB background noise suppression for clear voice pickup, plus 2 external mics support for extended 16m pickup range.

Flexible Setup & Wireless Freedom

Plug-and-play with USB-C or wireless dongle for instant connectivity, eliminating complex cabling and costly installations—start meetings in seconds, secure and cable-free.

3 Intelligent View Modes

Switch effortlessly between 3 intelligent video modes to match any meeting scenario. Discussion Mode: Focuses on active speakers and switches automatically for dynamic conversations; Global Mode: Displays the full panoramic 360° view, making sure no one is left out; Presentation Mode: Locks onto a single presenter, perfect for lectures and training sessions.

Immersive Full-Duplex Sound

The Built-in Speaker speakers with a wide frequency response (140Hz ~20kHz) deliver natural, room-filling audio. Full-duplex communication allows for smooth, interruption-free conversations.

- 4K Image
- 360° View Angle
- AI noise, echo and Reverberation cancellation
- AGC Audio Tech
- 6-units MEMS Mics
- External Mic
- Wireless Dongle
- Plug & Play
- Discussion Mode
- Presentation Mode
- Global Mode
- HiFi Speaker
- Full-Duplex

Nearity 360 Alien Datasheet

Camera	Aperture	F2.0
	Sensor	Star-VIS CMOS, 8MP
	Lens type	4 units 120° ultra-wide-angle lens
	Focusing Mode	Fixed focus 2.0mm
	Lens Structure	4G5P
	FOV	360° (have a 30° auto-exclusion zone filters out screens or walls behind the camera for a cleaner, distraction-free view.)
Video	Max Resolution	USB Output 4K Dongle NA20 Output 1080P(options) HDMI Output 1080P
	Aspect Ratio	16: 9
	Coded Format	YUY2: MAX 480P@30fps MJPEG: MAX 4K@30fps, 1080P@60fps
	Digital Zoom	3x
	AI Modes	Discussion Mode; Presentation Mode; Global Mode
	Anti-Flickering	Support
	Auto-Exposure	Support
	Auto White Balance	Support
	Auto-Framing	Support
	3D Noise Suppression	Support
	HDR	Support
Microphone	Microphone Type	6-unit Omnidirectional MEMS microphone,
	Sensitivity	-38dBV/Pa 94dB SPL@1kHz
	S/N	68dBV/Pa 94dB SPL@1kHz, A-weighted
	THD (Total Harmonic Distortion)	0.2%@94dB SPL @1kHz
Speaker	Rated Output Power	4Ω/3W
	Effective Frequency Response	140Hz ~20kHz
	Speaker Volume	80±3dB (800,1000,1200,1500Hz) @1W/1M
	THD (Total Harmonic Distortion)	≤3%
Audio Performance	Speaker Tracking	Support
	Beamforming	Support
	AI Noise-Cancellation	Support
	Echo-Cancellation	Maximum echo coupling loss ≥56dB
	Resonance Suppression	RT60<1s
	Full-duplex Communication	Support interrupt at any time
	AGC	Intelligent voice gain within a radius of 5 meters
	Maximum Background Noise Suppression	30dB
	Effective Pickup Range (Standalone Unit)	5m Radius
	Effective Pickup Range (With Optional Extension Mic AM01)	16m (Connect two AM01 mics)
Dimensions	Product Dimensions	(Φ) 4.33in* (H) 10.8in
	Package Dimensions	6.10*5.43*15.4in
	Net Weight	1.62lb
	Gross Weight	2.83lb

Nearity 360 Alien Datasheet

Others	External Power Supply	DC 12V-2A
	Remote Control	Support
	USB Port	USB cable + type C-A cable(2m), Adaptor
	RJ45 Port	10/100Mb, Ethernet
	HDMI Port	1080P Output
	3.5mm Port	Connect AM01 External Microphone
	Compatible operating systems	Windows/ Mac/ Linux/ Chrome
	Installation	Tabletop; Tripod
	Color	Gunmetal Grey
	Packing List	Nearity 360 Alien*1, AM01 External Microphone*1, Remote control*1, USB cable + type C-A cable(2m), Adaptor, User Manual*1, Warranty Card*1

*All tech specs are subject to change without notice.