Nearity

# 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 Speakers

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.

- 4K Image
- 360° View Angle

### 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.

- AI noise, echo and resonance cancellation
- AGC Audio Tech
- 6-units MEMS Mics
- External Mic

### 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.

- Wireless Dongle
- Plug & Play

### 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.

- Discussion Mode
- Presentation Mode
- Global Mode

### Immersive Full-Duplex Sound

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

- HiFi Speaker
- Full-Duplex

# Nearity 360 Alien Datasheet

| | | |
|---|---|---|
| **Camera** | Aperture | F2.0 |
| | Sensor | 1/2.8 inches, Ov CMOS，8MP |
| | Lens type | 4 units 120° ultra-wide-angle lens |
| | Focusing Mode | Fixed focus 2.0mm |
| | Lens Structure | 6E 2G4P |
| | 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<br>Dongle Output 4K<br>HDMI Output 1080P |
| | Aspect Ratio | 16：9 |
| | Coded Format | YUY2：MAX 480P@30fps<br>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 MEMS microphone, 360° space pointing array |
| | Sensitivity | -38dBV/Pa 94dB SPL@1kHz |
| | S/N | 63dBV/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 | 18dB |
| | Effective Pickup Range<br>（Standalone Unit） | 5m Radius |
| | Effective Pickup Range<br>（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 |
| | IR Remote Control | Support |
| | USB Port | USB cable + type C-A adapter(2m) |
| | RJ45 Port | Internet; POE |
| | 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 adapter(2m), User Manual*1, Warranty Card*1 |

*All tech specs are subject to change without notice.