Nearity

C25 All-In-One Conference SpeakerMic
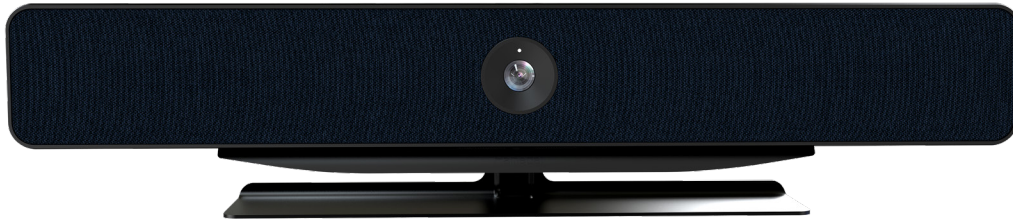
QHD Image **Ultra Wide-Angle** **AI Noise -Cancellation** **Full Duplex** **All-in-one collaboration** **PNP**

Nearity C25 is a 2K all-in-one conference SperkerMic. The product has a 120º horizontal ultra-wide-angle, is equipped with a 4MP high-quality CMOS sensor, and supports up to 1440p@30fps HD video calls. Featuring built-in 4-element microphone array and wideband speaker system optimized for human voice, and with the help of unique AI noise reduction technology, the high-quality full-duplex communication within 5 meters is realized. C25 integrates the conference camera, microphones, and speaker unit, supports the USB plug and play function, can be easily deployed, and is an ideal choice for small office space with 2-7 persons.

Product features

120º Diagonal Ultra-Wide-Angle, 2K HD Image
Equipped with a 120º diagonal wide-angle distortion-correction lens and a 4 MP high quality CMOS sensor, and supporting up to 1440p@30fps image output, the product can realistically present the conference scene and accurately convey what the participants are thinking.

AI Noise-Suppression Technology Makes Conference More Focused
Powerful AI algorithms can effectively suppress various noises in the conference room, such as mouse/keyboard tapping noise and air conditioning/computer running noise, retaining the clarity of people' s voice and nature to ensure the participants'great concentrated attention.

5m Pickup Range and Flawless Full-Duplex
Built-in 4-element MEMS microphone array, 5 m pickup radius, and full coverage. Combined with the high-fidelity speaker optimized for human voice and full duplex technology, it ensures continuous and uninterrupted conversation.

All-in-one Collaboration and Flexible Installations
Integrated camera/microphone/loudspeaker, plug and play, ease of deployment, meeting the needs of video/pickup/amplification. It can be mounted on a desktop/wall/display screen, with no need to change the layout of a conference room.

- 120º diagonal ultra-wide-angle
- 1440p@30fps HD image
- Built-in 4-element MEMS microphone array
- Full duplex call within 5 meter radius
- AI noise-cancellation, echo cancellation
- High fidelity speaker optimized for human voice
- USB plug and play, ease of deployment
- All-in-one collaboration, less footprint
- Several optional installation modes
- Suitable for mainstream cloud video platforms

Nearity C25 Technical Specifications

Physical characteristics

- Height: 81mm（3.2 inches）
- Width: 570mm（22 inches）
- Depth: 77mm（3 inches）
- Net weight: 1500g(incl. brachet 250g)
- Gross weight: 3807g
- Color: lunar rock gray
- Desktop brachet(standard)/
TV brachet(optional)/wall brachet(optional)

Camera features

- f/2.2 aperture
- Sensor: Sony 1/2.7 inches CMOS, Maximum pixels: 4PM
- 2.2mm fixed-focus
- FOV(D):120°
- FOV(H): 110°
- FOV(V): 74°

Video characteristics

- Lens Distortion Correction supported
- Anti-Flickering supported
- Automatic White Balance and Exposure supported
- 3D noise-suppression supported
- QHD（1440P）
- Aspect Ratio: 16:9
- YUV: max to 480P@30fps
- MJPEG: max to 1440P@30fps
- Support UVC protocol version 1.1/1.5

Microphone features

- 4-element 180°microphone Array
- -38dBV/Pa 94dB SPL@1kHz
- 63dBV/Pa 94dB SPL@1kHz,A-weighted
- Effective pickup distance: 5m

Speaker characteristics

- Rated output power: 4Ω/5W
- Speaker Frequency Response: 160Hz ~20kHz
- Speaker Volume: 80±3dB （800,1000,1200,1500Hz）@1W/1m

Audio characteristics

- Beamforming supported
- Maximum Background Noise Suppression:15dB
- Full-duplex technology
- Echo cancellation supported
- Automatic Gain Control（AGC）supported
- Reverberation Suppression supported

Power and connectivity

- Power and connectivity
- Compatible operating systems: Windows/ Mac/Linux
- USB port: USB2.0 Type-C

*All tech specs are subject to changed without notice.