Nearity

C25 All-In-One Conference SpeakerMic

2k QHD	115°				
HD Image	Ultra Wide-Angle	AI Noise-Suppression	Full Duplex	All-in-one Collabration	PnP

Nearity C25 is a 2K all-in-one conference SperkerMic launched by Auditoryworks Technology. The product has a 120° 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 fo   r small office space with 2-7 persons.

Features

120° Horizontal Ultra-Wide-Angle, 2K HD Image

Equipped with a 120° horizontal 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.

- 120° horizontal 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

Google Meet   slack   Skype   zoom   Cisco webex   Microsoft Teams

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)
- Color: lunar rock gray
- Desktop brachet (standard) /
  TV brachet (optional) /wall brachet (optional)
- Gross weight:

Camera features

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

Video characteristics

- Lens distortion correction supported
- Anti-flickering supported
- Automatic white balance and
  exposure supported
- 3A noise-suppression supported
- QHD (1440P)
- Aspect Ratio: 16:9
- YUV：max to480P@30fps
- MJPEG：max to 1080P@30fps

- H264：max to 2160P@25fps
- 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
- Voice pickup range: 5m

Speaker characteristics

- Rated output power: 4Ω/1.5W
- Speaker frequency response: 160Hz ~20kHz
- Speaker volume: 80±3dB (800,1000,1200,1500Hz)
  @1W/1m

Audio characteristics

- Beamforming supported
  Maximum background noise suppression:18dB
- Full duplex communication
- Echo cancellation: coupling loss≥56dB
- Automatic Gain Control (AGC) within 5 meters
- Reverberation suppression: RT60<1s
- Reverberation suppression: RT60<1s

Power and connectivity

- External power supply: DC 12V/1A
- Compatible operating systems: Windows/Mac/Linux
- USB port: USB2.0 Type-C

* All tech specs are subject to change without notice.

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