

# Nearity

## C30R 4K All-In-One Conference SpeakerMic Cam



HD Image



Speaker Tracking



Closeup Group



Autoframing



Daisy-chain  
with SpeakerMic



All-in-one Collaboration



NEARITY C30R is a new generation conference speakermic. It has powerful AI functions such as speaker tracking, close-up group, and auto-framing. It is equipped with a 120° super wide-angle lens and supports 4K@30fps video calls. With the help of 3A audio algorithm and the built-in 5-element 180° microphone and high-definition full band speaker, users can realize high-quality full-duplex calls within 5 meters.

### Product features

Powered by advanced 3A audio algorithm, users can see speaker's face on the screen once the speaker starts the speech

Ultra HD clear image makes you feel like having a face-to-face meeting

AI noise-cancellation technology greatly improves conference experience

Daisy chain with A20 speakermics to cover larger conference room.

- 4K@30fps, 120° ultra wide lens
- Speaker tracking/close-up group
- 5-element MEMS microphone array
- Noise-suppression/echo cancellation/AGC
- effective sound pickup range 5m
- High definition full band speaker
- Daisy chain supported
- Mount on wall/on the screen/on a surface
- USB plug and play

Compatible with:



# Nearity C30R Technical Specifications

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## Camera features

- f/1.8 aperture
- Sensor: Sony 1/2.8 inches CMOS,
- Maximum pixels: 8PM"
- 2.2mm fixed-focus
- FOV(D):120°
- FOV(H): 110°
- FOV(V): 75°

## Video characteristics

- Lens Distortion Correction supported
- Anti-Flickering supported
- Automatic White Balance and Exposure supported
- 3D noise suppression supported
- UHD (4K)
- Aspect Ratio: 16:9
- YUV: max to 480P@30fps  
MJPEG: max to 1080P@30fps  
H264: max to 2160P@25fps"
- Speaker Tracking supported
- Closeup Group supported
- Auto Framing supported

## Microphone features

- 5-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
- THD≤3%

## Audio characteristics

- Direction of arrival (DOA) supported
- 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

## Daisy chain

- POE UTP RJ45 (CAT6)
- Maximum daisy chain units: 4 units of A20

## Physical characteristics

- Height: 81mm (3.2 inches)
- Width: 570mm (22 inches)
- Depth: 77mm (3 inches)"
- Net weight: 2033g (incl. brachet 250g)
- Gross weight: 3410g
- Color: lunar rock gray
- Desktop brachet (standard) /TV brachet (optional) /wall brachet (optional)

## Power and connectivity

- External power supply: DC 48V/1.35A
- Compatible operating systems: Windows/Mac/Linux
- USB port: USB2.0 Type-C

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\* All tech specs are subject to change without notice.

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