



C30R ALL-IN-ONE SPEAKERMIC CAMERA



4K UHD
Image



Speaker
Tracking



Auto-framing



Close-up
group



Noise
Suppression



Daisy-chain



120° Ultra-
wide Angel



USB PNP

NEARITY C30R drives meetings and organizations forward with adaptable AI functions and powerful hardware. 4K camera, 120° super wide angle lens, and the built in 5-element microphone array drive crystal clear video and audio, while advanced intelligent functions like auto-framing, close-up grouping, and speaker tracking keep your audiences engaged.

Product features

AI driven video features

Powered by proprietary AI algorithms, features such as auto-framing, close-up group, and speaker tracking create a more engaging and efficient meeting.

4K Image Clarity

Ultra HD video resolution makes you feel like you're meeting face-to-face.

AI Noise-Suppression Technology

Intelligent noise-suppression is coupled with traditional signal processing technology to improve voice pickup and the audio experience.

Proprietary Daisy-chain technology

Connect up to 4 NEARITY A20 SpeakerMics to cover larger or more complex areas.

- 4K UHD image
- 120° ultra-wide angle
- 6x digital zoom
- 5 MEMS microphones array
- Effective pickup distance: 5m(16ft)
- AI noise suppression/Echo cancellation
- Speaker tracking/Auto-framing/Close-up group
- Daisy-chain supported

NEARITY C30R Datasheet

Contents	Technical Specifications
Camera Characteristics	Aperture: F/1.8
	Sensor: Sony 1/2.8 inches CMOS, Maximum resolution: 8MP
	6x digital zoom
	FOV(D): 120°
	FOV(H): 110°
	FOV(V): 75°
Video Features	Lens distortion correction supported
	Anti-flickering supported
	Automatic white balance and exposure supported
	3D noise suppression supported
	4K UHD image
	Aspect ratio: 16:9
	YUV: max of 480P@30fps MJPEG: max of 1080P@30fps H264: max of 2160P@30fps
	Speaker tracking supported
	Close-up group supported
	Auto-framing supported
Microphone Characteristics	5 MEMS microphone array
	Effective pickup distance: 5m(16ft)
	Sensitivity: -38dBV/Pa 94dB SPL@1kHz SNR: 63dBV/Pa 94dB SPL@1kHz, A-weighted
Speaker Characteristics	Rated output power: 4Ω/5W
	Speaker frequency response: 160Hz ~20kHz
	Speaker volume: 80±3dB @1m
	THD ≤ 3%
Audio Features	Direction of Arrival(DOA) supported
	Beamforming supported
	AI noise suppression
	Full-duplex
	Echo cancellation
	Automatic Gain Control(AGC)
	Reverberation suppression
Daisy-chain	Compatible with A20/A20S via POE
Physical Characteristics	Height: 81mm(3.2 inches) Width: 570mm(22 inches) Depth: 77mm(3 inches)
	Net weight: 2010g(70.9 oz)
	Color: Lunar Rock Gray
	Mounting Options: Desktop stand(default) TV bracket(optional) / Wall bracket(optional)
Power and Connectivity	External power supply: DC 48V/1.35A
	Compatible operating systems: Windows/Mac/Linux
	USB port: USB 2.0 Type-C
Packing List	C30R*1, USB cable*1, Power adapter*1, Remote control*1, User manual*1

*All tech specs are subject to change without notice.