Nearity

TAKE YOUR
COLLABORATION
EXPERIENCE
TO THE NEXT LEVEL

PRODUCT CATALOG

2023 H1

Bring your workforce **nearer**

NEARITY creates innovative solutions for distance collaboration, driving clear communication through experience focused design, patented audio technology, and world-class cameras. Offering a complete portfolio of solutions to businesses around the world, NEARITY makes hybrid workspaces and modern offices possible. Industry leading daisy-chain technologies create comfortable and expandable spaces to work and share ideas in, while deep learning and traditional signal processing, AI noise suppression, multi-lobe beamforming, and full duplex technology make sharing ideas easy and crystal clear. With over 40% of NEARITY's team focused on research & development, and products continually refined through feedback from our clients & partners, NEARITY is focused on delivering creative new solutions that drive organizations forward with every conversation.

Nearity is founded in a way to leverage rich R&D and supply chian resources of China and global sales resources across the world.

Product Release Plan

Interactive whiteboard

NearHub S65/75

All-In-One

C45

C30R

Video

Release:2023 Q2

CC100/CC200

LS300

V410

V30

Audio

EP220

HP30

Release:2023 Q2

BC300

A20

SP100

Release:2023 Q2

SP300

A11

Release:2023 Q2

A22

Value

Pr

NearHub S86

WT400S

B10

V415

Release:2023 Q2

V520D

V540D

Release:2023 Q2

A20S

A40

A50

Release:2023 Q3

AMX100（Dante）

Release:2023 Q2

A21S

Release:2023 Q2

NearCast

Release:2023 Q2

AM10P

Content

NEARITY Business Products

NEARITY Conferencing Devices

Audio Series
Ceilingmic

Advanced Audio Solutions for Training
Rooms and Large Meeting Rooms

NEARITY A50 Ceilingmic

- 91 MEMS microphone array
- 12 beaminforming lobes
- 10m*10m effective sound pickup range
- Daisy-chain up to 8 units
- Full-duplex, Automatic Gain Control（AGC）
- Reverberation/Noise/Echo suppression

NEARITY A40 Ceilingmic

- 24-element microphone array
- 8 beamforming lobes
- 8m*8m effective sound pickup range
- Daisy-chain up to 8 units
- Full-duplex, Automatic Gain Control（AGC）
- Reverberation/Noise/Echo suppression

Audio Series
Speakermic

Outstanding Audio Solutions fo
Personal Offices to Large Auditoriums

NEARITY **A21S** Conference SpeakerMic（2023 Q2）

Meeting Equity for Every Corner

- 8-element MEMS microphone array
- 5 meters sound pickup distance
- Daisy-chain up to 4 units via POE connection; Up to 8 units can be cascaded when using a POE injector
- AI noise reduction, AI reverberation suppression
- Full-duplex, Echo suppression, Automatic Gain Control（AGC）

NEARITY **A22** Conference SpeakerMic（2023 Q2）

Meeting Equity for Every Corner

- 8-element MEMS microphone array
- 5 meters sound pickup distance
- Daisy-chain up to 6 units via POE connection
- AI noise reduction
- Full-duplex, Automatic Gain Control（AGC）
- Reverberation/Echo suppression
- Bluetooth supported

NEARITY **A20S** Conference SpeakerMic（2023 Q2）

Meeting Equity for Every Corner

- 8-element MEMS microphone array
- 5 meters sound pickup distance
- Daisy-chain up to 6 units via POE connection
- AI noise reduction
- Full-duplex, Automatic Gain Control（AGC）
- Reverberation/Echo suppression

NEARITY **A20** Conference SpeakerMic

Meeting Equity for Every Corner

- 8-element MEMS microphone array
- 5 meters sound pickup distance
- Daisy-chain up to 5 units via POE connection
- Full-duplex, Automatic Gain Control（AGC）
- Reverberation/Noise/Echo suppression

NEARITY A11 Conference SpeakerMic

For Personal Offices and Small Conference Rooms

- 4-element MEMS microphone array
- 4 meters sound pickup distance
- Full-duplex, Automatic Gain Control（AGC）
- Reverberation/Noise/Echo suppression
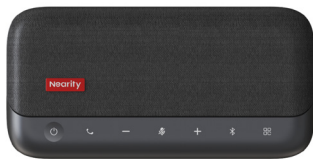
NEARITY SP100/SP300 Speakerphone（2023 Q2）

For Personal and Huddle Rooms

- Microphone:
  SP100: 4-element Omnidirectional Microphone Array
  SP300: 6-element Omnidirectional Microphone Array
- Application Scenario: Small and medium meeting rooms;
- personal office; multi-player voice
- USB Type-C interface, plug and play; Bluetooth 5.0, support
- mobile phone connection for meetings
- Audio features: Noise Suppression, Echo cancellation, Automatic
- Gain Control（AGC）, Voice tracking
- Long battery life, reverse charging supported

Conference Camera

Make Any Conference Room
A Collaboration Room

NEARITY **V540D** Dual-Lens PTZ Conference Camera（2023 Q2）

Premium Optics: Wide, Clear, and Smart

- Dual camera design with 40x hybrid zoom
- 8MP Sony CMOS sensor + 8MP auxiliary sensor
- Speaking tracking/Zone-following/Auto-framing
- Picture in Picture（PIP）Mode
- 10 preset positions
- Rich interfaces: USB/HDMI/RJ45/Line in/Line out/RS232/RS485/SDI out

NEARITY **V520D** Dual-Lens PTZ Conference Camera

Premium Optics: Wide, Clear, and Smart

- Dual camera design with 20x hybrid zoom
- 5MP Sony CMOS sensor + 2MP auxiliary sensor
- Speaking tracking/Zone-following/Auto-framing
- Picture in Picture（PIP）Mode
- 10 preset positions
- Rich interfaces: USB/HDMI/RJ45/Line in/Line out/RS232/RS485/SDI out

NEARITY **V415** UHD PTZ Conference Camera

Premium Wide-Angle 4K Imaging Camera

- 15x Hybrid Zoom
- 8MP Sony CMOS Image Sensor
- 4K@30fps
- High Dyanamic Range
- Pan range: ±175°
- HDMI output supported

NEARITY **V410** QHD PTZ Conference Camera
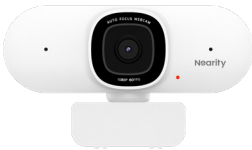
Professional Wide-Angle QHD Imaging Camera

- 10x Hybrid Zoom
- 4MP Sony CMOS image sensor
- 2K@30fps
- 120° Ultra-wide FOV
  Pan range: ±175°

NEARITY V30 UHD Conference Camera

Premium 4K Optics for Your Huddle Space

- 120° Ultra-wide FOV
- 8MP Sony CMOS Sensor
- 4K@30fps
- Auto-framing
- 4-Element MEMS microphone array
- 4 meter sound pickup distance

NEARITY CC100 Webcam

For personal work and live streaming

- Premium Sensor: Sony CMOS
- Resolution FPS: 1080P@60fps
- FOV(D): 75°, Up to 1x zoom
- Auto focus
- 2 Noise Cancelling Mics
- Audio features: Anti-Echo audio treatment, AI-based Keyboard Denoise
- USB-A plug-and-play
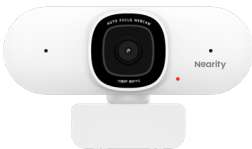
NEARITY CC200 Webcam (2023 Q2)

For personal work and live streaming

- Premium Sensor: Sony CMOS
- Resolution FPS: 4k@30fps, 1080P@60fps
- FOV(D): 90°, up to 6x zoom
- Auto focus, auto-zooming supported
- 2 Noise Cancelling Mics
- Audio features: Anti-Echo audio treatment, AI-based Keyboard Denoise
- USB-A&C plug-and-play
- HDR

NEARITY Conferencing Devices
All-in-one
Conference Camera

Convenient, Efficient and
Transformative for Daily Use

NEARITY C30R 4K All-in-One Conference Cam

Professional Hardware and AI Functions Create
Intelligent Meetings

- 4K@30fps
- 5-element 180° microphone Array
- 5m effective sound pickup range
- 120°ultra-wide FOV
- Speaker tracking/Close-up group/Auto Framing
- Daisy-chain with up to 4 units A20 via POE connection

NEARITY C45 All-in-One Conference Camera

Plug and Play, Upgrade for All Workplaces

- 1440P@30fps
- 5MP SONY CMOS Image Sensor
- 120° ultra-wide FOV
- 4-element MEMS microphone array
- Auto Framing

NEARITY Collaboration Solutions

Integrated Hardware and Software Collaboration Solutions to Transform Meetings and Presentations

NEARITY NearHub **S65/S75** Smartboard

The Ultimate All-in-One Productive Tool for Your Team

- 65"/75" Interactive Smartboard Display
- CPU: Quad-core Cortex-A73@ 2.2 GHz; Quad-core
- Cortex-A53@ 2.0 GHz
- RAM: 8GB, Storage : 128 GB
- Operation System: NearHubOS Based on Android 11.0
- Built-in 8MP ultra wide angle camera
- 24-element microphone array, 8m voice pickup range
- 20 simultaneous, high refresh rate touch points ensure fluid writing and interaction
- Compatible with standard team meeting and
- productivity tools
- Optional OPS module, dual-system switchable
- Connection: WiFi, Bluetooth, WiFi AP, USB; HDMI

Nearhub Online Collaborative Whiteboard

Communicate and Collaborate However, Whenever, and Wherever.

- Actively engage your audience to make presentation stand out from the crowd
- Brainstorming becomes more efficient and actionable with effortless integration of images, videos, stickers, and tools you already use
- Allow meeting participants to comment, share files, make notes, conceptualize, and design on the infinite canvas
- Save and share your board in one click
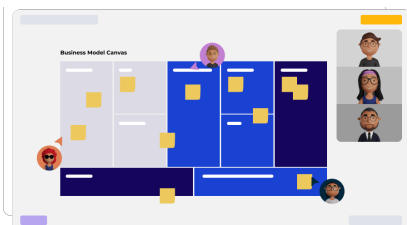
NEARITY Conferencing Devices

Headsets

Ultra Clean Sound Pickup, Super Hybrid Work Experience

NEARITY HP30 Wireless Headset

Dual-Mic Noise-cancelling Wireless Headset

- AI Noise cancellation; Echo cancellation
- Dual-Mic for clear voice pickup and background noise cancellation
- Dual connections of USB and Bluetooth
- Up to 12h talk time, 15h music time
- 250º microphone arm for each adjustment
- Mute when lift the arm
- 1.5 m USB-C cable

NEARITY EP220 Wired Headset

With High-definition voice and in-line controls

- AI Noise cancellation
- One-element ECM omnidirectional microphone
- 270º microphone arm for each adjustment
- Padded ear cushion
- 3.5 mm & USB-A connectivity

sales@nearity.co

NEARITY Conferencing Devices

Live Streaming
Camera

NEARITY LS300 Multi Streaming Camera

For live streaming and broadcasting

- 5MP Sony CMOS Sensor
- 2K@30fps, 1080P@60fps
- FOV(D): 78°
- 5x optical zoom
- 8-element MEMS microphone array
- Wifi & Bluetooth supported

NEARITY Rooms Solutions

Provide a one-stop solution for conference rooms

NEARITY **WT400S** Conference Roomhost

A more professional Mini-PC with build-in Rooms App

- Windows OS, compatible with Rooms App of various conference platforms
- 11th Gen Intel® Core™ i5 Processors; RAM: 8GB; Storage: 128 GB
- Up to 3-ch 4K@60fps HDMI output, support multi-screen and multi-display
- Connectivity: USB-A*4/USB-C*1/HDMI IN*2/HDMI OUT*3/RJ45*1/LINE IN*1
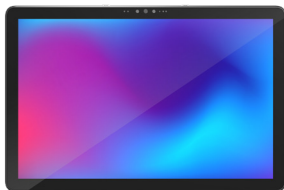
NEARITY **B10** Touch Panel

A professional touch screen for conferences

- Android OS, Rooms Controller App can be pre-installed
- 10-inch touch screen, clear picture, smooth touch without lagging
- Tabletop/Wall mount supported, security and anti-theft keyhole
- Support POE, wired/wireless connection

Solution Coverage

Room Type	Auditorium	large & Board Room	Mid to Large Room	Medium Room	Small to Mid Room	Small Room	Huddle Room
Room Size	70+ m^2	40-70 m^2	30-40 m^2	20-30 m^2	10-20 m^2	5-10 m^2	>5 m^2
Number of People	40+	32-40	24-32	16-24	8-16	4-8	1-4
SpeakerMics							
A11							A11 * 1
A20		A20 * 5	A20 * 4	A20 * 3	A20 * 2	A20 * 1	
A20S		A20S * 5 to 6	A20S * 4	A20S * 3	A20S * 2	A20S * 1	
Ceiling Microphones							
A40	A40 * 6 to 8	A40 * 4 to 5	A40 * 2 to 3	A40 * 1			
A50	A50 * 4 to 8	A50 * 2 to 3	A50 * 1				
Conference Camera							
V30						V30 * 1	V30 * 1
V410				V410 * 1	V410 * 1		
V415		V415 * 2	V415 * 1	V415 * 1			
V520D	V520D * 2	V520D * 2	V520D * 1	V520D * 1			
All-In-One							
C45						C45 * 1	C45 * 1
C30R				C30R * 1	C30R * 1	C30R * 1	
Smartboard							
S65	S65 * 2	S65 * 2	S65 * 1	S65 * 1	S65 * 1		
S75	S75 * 2	S75 * 2	S75 * 1	S75 * 1			

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