

# Nearity V30S All-in-one Conference Webcam



4K Image



120° View Angle



Auto framing



Dual Mics



Dual Speakers



Plug&Play

The Nearity V30S is an all-in-one 4K video conferencing device that combines an ultra-wide 120° distortion-free camera, intelligent audio pickup, and powerful full-duplex speakers. Equipped with advanced AI features including auto-framing, noise cancellation, beamforming, and echo suppression, it ensures crystal-clear communication in every meeting. With plug-and-play USB-C connectivity, flexible mounting options, and support for external microphones, the V30S is designed to deliver a seamless collaboration experience across small to medium-sized meeting spaces.

## Product features

### 4K Ultra HD with 120° Wide-Angle Lens

Equipped with an 8MP CMOS sensor, the V30S delivers crystal-clear 4K video. Its 120° distortion-free lens ensures everyone in the room is visible without image warping.

### Intelligent Auto-Framing Modes

Switch between Global Mode and Auto-Framing Mode. The camera automatically adjusts the view to keep all participants perfectly framed in any meeting scenario.

### AI-Powered Audio Enhancement

Dual MEMS microphones with AI noise cancellation, beamforming, echo cancellation, and AGC provide up to 18dB background noise suppression for clear voice pickup.

### Immersive Full-Duplex Sound

Built-in dual speakers with a wide frequency response (180Hz–20kHz) deliver natural, room-filling audio. Full-duplex communication allows for smooth, interruption-free conversations.

### Flexible Setup & Easy Expansion

Plug-and-play with USB-C for instant connectivity. Multiple mounting options (tripod, screen, desktop) and support for external microphones extend the pickup range up to 8 meters.

- 4K Image
- 120° View Angle
- Auto Framing
- AI noise cancellation
- AGC Audio Tech
- 2-units MEMS Mics
- HiFi Speaker
- Full-Duplex
- Plug & Play

# Nearity V30S Datasheet

Contents	Technical Specifications	
Camera	Aperture	F2.0
	Sensor	1/3 inches, CMOS, 8MP
	Focusing Mode	Fixed focus 2.0mm
	FOV(D)	113.1°
	FOV(H)	104.3°
	FOV(V)	70.7°
	Non-Distortion Lens	Support
Video Performance	Anti-Flickering	Support
	Auto-Exposure	Support
	Auto White Balance	Support
	3D Noise Suppression	Support
	Max Resolution	4K
	Aspect Ratio	16:9
	UVC Protocol	Compatible with UVC 1.1/1.5
	Coded Format	YUY2: MAX 480P@30fps MJPEG: MAX 4K@30fps, 1080P@60fps
	Digital Zoom	2x
	HDR	Support
	Mirror Mode	Support
	Modes	Global Mode, Auto-Framing Mode
Microphone	Microphone type	2 units MEMS-microphones
	Sensitivity	-38dBV/Pa 94dB SPL@1kHz
	S/N	63dBV/Pa 94dB SPL@1kHz, A-weighted
Speaker	Rated output power	Dual-speaker, 4Ω/1W
	Effective Frequency Response	180Hz ~20kHz
	Speaker Volume	81±3dB (800,1000,1200,1500Hz) @1W/1M
	THD (Total Harmonic Distortion)	≤ 5%
Audio Performance	Speaker Tracking	Support
	Beamforming	Support
	Echo-Cancellation	Support
	Full-duplex communication	Support interrupt at any time
	AI Noise-Cancellation	Support
	AGC	Support
	Maximum background noise Suppression	18dB
	Effective pickup range (Standalone Unit)	5m
	Effective pickup range (With Optional Extension Microphone)	8m
	Reverbration Suppression	RT60<1s

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Contents	Technical Specifications	
<b>Others</b>	External power supply	USB 5V/1A
	Compatible operating systems	Windows/ Mac/ Linux/ Chrome
	Installation	Tripod bracket / Screen bracket / Desktop bracket
	IR Remote Control	Support
	USB port	USB-C
	3.5mm port	External Mic in (Optional AM01 Extension Microphone)
	Color	Dark Grey
	Package list	Nearity V30S*1 Remote control*1 Tripod Stand USB cable + type C-A adapter(2m) User Manual*1 Warranty Card*1

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