Nearity

Nearity C50 360 ° Conference Camera



AI mode

360° panoramic viewing

3x digital Zoom

6 unit MEMS microphone array

Auto framing

Sony 12MP CMOS Sensor

Nearity C50 360° Conference Camera – your ultimate meeting companion. With AI noise-cancelling technology, crystal-clear audio is ensured. Capture every detail with the Sony CMOS Sensor and 3x Digital Zoom. Experience seamless 360° panoramic viewing for a comprehensive meeting perspective. Choose from Discussion Mode, Presentation Mode, or Global Mode to tailor your meeting experience. Enjoy effortless Auto-framing/Speaker Tracking and control it all remotely. Immerse in exceptional sound with HiFi speaker and 6-element MEMS microphone for optimal audio quality.

Product features

AI noise-cancelling

C50 conference camera uses AI noise-cancelling algorithms to provide clearer audio during voice calls or video conferences.

Sony 12MP CMOS Sensor

With the Sony 12MP CMOS sensor, C50 offers a specific image sensor made by Sony, capable of capturing images at a resolution of 12 megapixels.

3x Digital Zoom

Zoom in by using the remote control to focus on yourself. Enjoy a clear video experience, even zoom in 3 times.

360° panoramic viewing

Nearity C50 can capture a full 360-degree view of its surroundings. It allows users to see the entire area without any blind spots.

AI Mode

There are 3 different modes or settings where C50 can optimize its performance for specific use cases, such as discussion mode and presentation mode and global mode.

Auto-framing

C50 supports AI-powered technology to automatically keep the speaker or participants in the frame as they move around the room.

6-element MEMS microphone

Equipped with 6 MEMS microphones for advanced audio processing and noise reduction.

- AI noise-cancelling
- Sony 12MP CMOS Sensor
- 3x Digital Zoom
- 360° panoramic viewing
- Discussion Mode, Presentation Mode, Global Mode supported
- Auto-framing/Speaker Tracking
- Remote control
- HiFi speaker
- 6-element MEMS microphones

Nearity C50 Datasheet

Contents	Functions	Specific Specifications
Lens	Aperture	F2.0
	Sensor	1/2.3 inches, Sony CMOS
	Focusing Mode	Fixed focus 1.41mm
	FOV(D)	360°
	Anti-Flickering	Supported
	Auto Exposure	Supported
	Auto White Balance	Supported
	3D Noise-Suppression	Supported
	Max Resolution	1920x1080
	Aspect Ratio	16:9
	Coded Format	YUV：Max 480P@30fps MJPEG：Max 1080P@30fps
	Auto-Framing	Supported
	AI Mode	Discussion Mode，Presentation Mode，Global Mode
	Digital Zoom	x3
Microphone	Microphone type	6-unit MEMS microphone, 360° space pointing array
	Sensitivity	-38dBV/Pa 94dB SPL@1kHz
	SNR	63dBV/Pa 94dB SPL@1kHz,A-weighted
	THD	0.2%@94dB SPL @1kHz
Speaker	Rated Output Power	4Ω/3W
	Effective Frequency Response	140Hz ~20kHz
	Speaker Volume	80±3dB（800,1000,1200,1500Hz）@1W/1m
	THD（Total Hamonic Distortion)	⩽ 3%
Audio performance	Beamforming	Supported
	Maximum background noise suppression	18dB
	Full-duplex communication	Support interrupt at any time
	Echo-Cancellation	Maximum echo coupling loss ⩾ 56dB
	AGC	Smart gain within a radius of 5 meters
	Reverbration Suppression	RT60<1s
	Effective Pickup Distance	5 meters radius
Dimensions	Product dimensions	(Ø)108mm x (H)282mm
	Package dimensions	145 × 138 × 345 mm
	Net weight	937g
	Gross weight	1376g
Others	External power supply	DC 5V-2A
	Compatible Operating Systems	Windows/Mac/Linux/Chrome
	Installation	Tabletop/Tripod
	USB Port	USB 2.0 Type-C
	Color	Moon Rock Gray
	Packing list	C50*1, Remote control*1, USB cable + adapter, Power supply adapter, User Manual*1, Warranty Card*1

*All tech specs are subject to change without notice.