

C45 All-In-One SPEAKERMIC CAMERA



Auto-framing



2K QHD



120° Ultra-wide FOV



4x Zoom



4-Element MEMS Microphone Array



AI Noise Suppression

NEARITY C45 All-In-One speakermic cam creates an ideal meeting space for small teams with its 120° ultra-wide angle lens, 4-element 360° beamforming microphone array, and 5 meter audio pickup range. Coupled with a 5x digital zoom and 2K video resolution, the C45 drives crystal clear communication.

Product features

Vivid high-quality video

2K QHD camera with HDR technology presents peerless images and colors.

Wide angle lens

120° FOV and 5x digital zoom accommodate full teams.

AI driven auto-framing

Facial recognition technology precisely locates the speaker and automatically presents the best framing to all participants.

AI driven noise suppression

AI noise-suppression algorithm significantly reduces or removes reverbs and other interference, even in challenging rooms.

Ultimate in plug-and-play

Once cable for power and data allows small teams and individuals to run their own video conferences anytime, anywhere.

- 2K QHD image with HDR
- 5x digital zoom
- Effective pickup distance: 5m(16ft)
- 120° ultra-wide angle
- Auto-framing
- AI noise suppression
- Echo cancellation
- Automatic Gain Control (AGC)

NEARITY C45 Datasheet

| Contents | Technical Specifications |
|----------------------------|---|
| Camera Characteristics | Aperture: F2.2 |
| | Sensor: SONY CMOS, 5MP |
| | FOV(D): 120° |
| | FOV(H): 110° |
| | FOV(V): 75° |
| | Non-distortion lens |
| Video Features | HDR |
| | Anti-flickering |
| | Auto-exposure |
| | Automatic white balance |
| | 3D noise suppression |
| | Max. resolution 2560x1440 |
| | Aspect ratio 16:9 |
| | YUV: max of 480P@30fps MJPEG: max of 1440P@30fps |
| | Auto-framing |
| | 5x digital zoom |
| Microphone Characteristics | 4 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/3W |
| | Effective frequency response: 140Hz ~20kHz |
| | Speaker Volume: 80±3dB@1m |
| | THD ≤ 3% |
| Audio Features | Beamforming |
| | Full-duplex |
| | Echo cancellation |
| | Automatic Gain Control (AGC) |
| | Reverb and Echo cancellation |
| Physical Characteristics | Color: Lunar Rock Gray |
| | Height: 270mm(10.6 inches) Width: 110mm (4.33 inches) Depth: 110mm(4.33 inches) |
| | Net weight: 810g(28.57 oz) |
| | |
| Power and Connectivity | Power supply: DC 5V/2A; USB 5V/0.5A |
| | Compatible operating systems: Windows/Mac/Linux |
| | USB 2.0 Type-C |
| Packing List | C45*1,USB cable*1, Power adapter*1, Remote control*1,User manual*1 |

*All tech specs are subject to change without notice.