Huddly C1

AI-driven videobar that scales flexibly from small to medium spaces. Combines best-in-class video experiences with groundbreaking audio innovation.

AI-driven video calls with Huddly Intelligence

Huddly Intelligence is on-device AI that autonomously frames, directs, and enhances your meeting and keeps evolving with software upgrades. Real-time audio and video optimization ensures sharper video, clearer audio, and a more engaging experience for everyone.

Video
High-definition video and AI-driven experiences create sharp, dynamic visuals that make hybrid meetings feel inclusive and engaging.

- Learn more

Audio
AI-enhanced microphones and noise cancellation ensure every voice is heard, for clear, distraction-free audio.

- Learn more

Experiences and features

Speaker Mode
Keeps the active speaker in focus, intelligently adapting when others jump in or take over—ideal for formal, informative meetings.

Collaboration Mode
Intelligently alternates between speaker and listener shots to keep your team engaged in informal and interactive meetings.

Group Framing
Detects the people in its entire field of view and intelligently frames them for the best experience.

Software-Upgradable
Gets smarter over time with regular software enhancements and new AI capabilities.

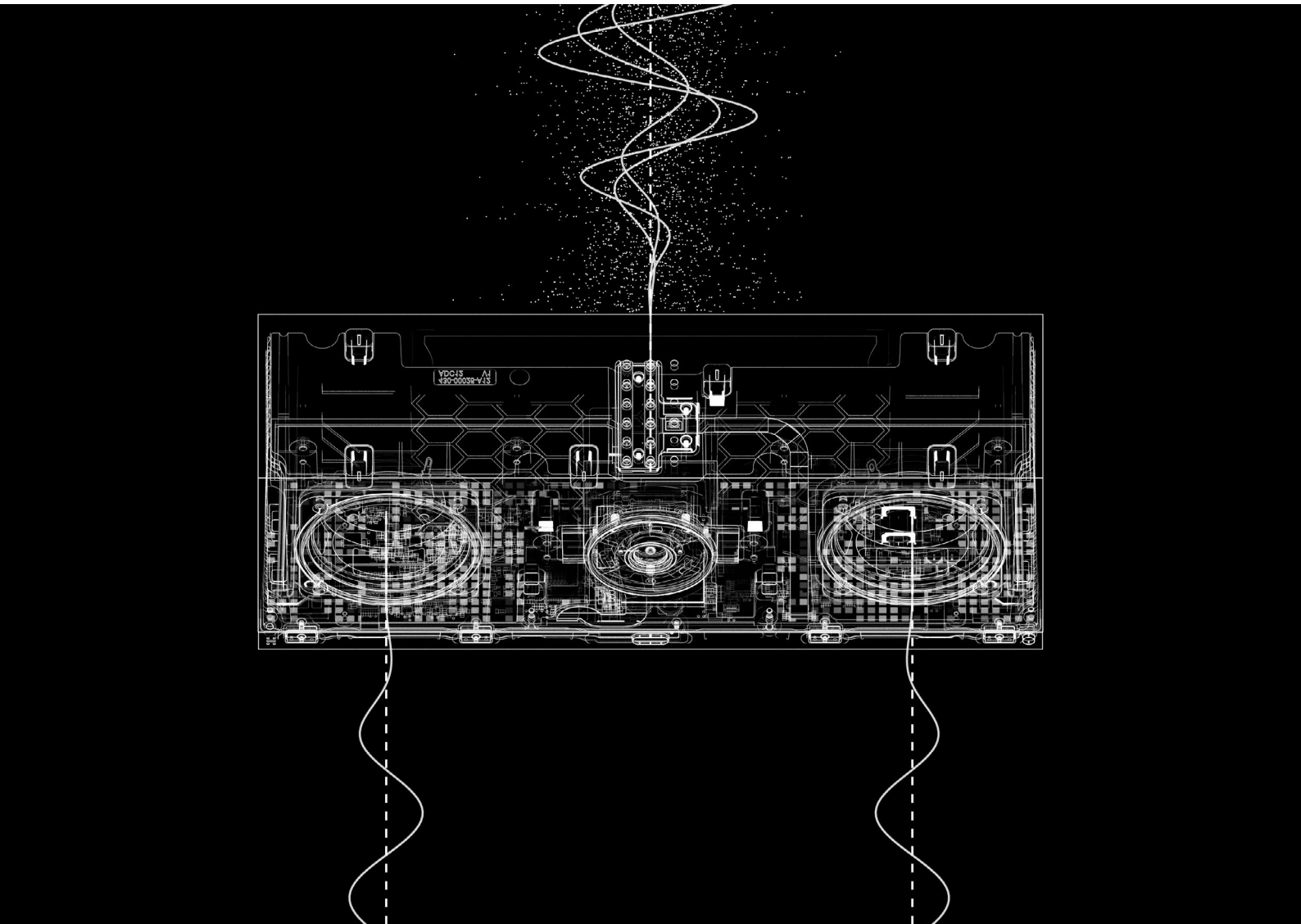
Image Enhancement
Automatically corrects white balance, color, and optical aberration.

Framing Zone
Lets you set the dimensions of your meeting space so that only participants get detected and framed. Perfect for spaces with glass walls and open areas.

Perspective Correction
Fixes wide-angle lens and perspective distortions to provide a natural, true-to-life view of people and spaces.

Virtual Microphone Powered by AI
Multiple microphones work together with advanced AI to optimize voice pickup—no matter where people are in the room.

Selective Noise Cancellation
AI-powered noise control filters out background noise while preserving important sounds.



Technical details

Measurements and weight
- Huddly C1 outer dimensions: 330mm x 90mm x 124.75mm
- Unit weight: 2.4kg
- Packaging dimensions: 395mm x 227mm x 184mm
- Kit weight: 5.025kg

Image
- 4K image sensor
- 12 Megapixels 1/2.3" CMOS sensor
- 1080p Full HD @ 30fps
- 720p HD @ 30fps
- 16:9 aspect ratio output
- Up to 4x digital zoom

Optics
- Ultra-wide angle glass optics
- Horizontal field of view 120˚
- Vertical field of view 90˚
- Diagonal field of view 150˚
- f/2.8 aperture

Audio
- Two 3" 12W full-range speakers
- Two vibration cancelling passive bass radiators
- 16 microphones in high-performance microphone array for speech pick-up and audio direction of arrival processing
- Stereo speaker output

Connectivity

Video
- 1x HDMI Video Input (4K@60Hz with HDCP Support)
- 1x HDMI Video Output (4K@60Hz with HDCP Support)

USB
- 1x USB-C port for meeting room compute with plug-and-play support for:
  - Built-in camera module (UVC Video)
  - Speaker system (UAC Audio)
  - Internal microphone array (UAC Audio)
- 1x USB-C port for Bring Your Own Device (BYOD), with plug-and-play support for:
  - Built-in camera module (UVC Video)
  - Speaker system (UAC Audio)
  - Internal microphone array (UAC Audio)
  - DisplayPort Video Input (4K@60Hz with HDCP Support)
  - 65W USB Power Delivery for charging

Network
- 1x Gigabit Ethernet port for Huddly Crew Add-On Cameras (Labeled "Extend")
- 1x Gigabit Ethernet port (reserved for future use)

Audio
- 1x 3.5mm mini jack
  - Hearing loop output

Power
- 1x 24V DC Power Supply input

Hardware
- Next generation high-performance VPU with neural compute engine
- Durable aluminum body
- Color: Matte Black
- Kensington lock interface

Mounting
- Wall bracket (included)

Components (included)
- External 160W AC/DC power supply. 85-264VAC to 24VDC @ 6.67A
- 1.83m regional power cable
- 2m HDMI cable
- 5m / 16.4' USB cable (Fiberoptic directional)

Room sizes
- Small: 4–6 people (3.5 x 4m/11.5 x 13ft)
- Medium: 6–12 people (5.5 x 6m/18 x 20ft)

Platforms

Works with:
- Microsoft Teams
- Zoom
- Google Meet

System and Hardware Requirements

Any operating system with built-in USB plug-and-play support, including:
- Windows 10 or later
- macOS
- ChromeOS