

Rooms with Dolby Voice®

# Room Data Sheet



## Product overview

Dolby Voice Room combines industry-leading design and technology in an affordable video conferencing solution that's easy for participants to use and for IT to manage. Seamlessly integrated with leading service providers, it gives everyone a natural meeting experience, adapting to the way we work and enabling what's truly important—the human connection.



## Designed for Medium rooms

Room is designed to flex across small and mid-size spaces up to 8 people, with an enhanced camera that seamlessly frames conversations, exceptional audio and touch control from the Phone. With multiple install configurations and support for dual displays, Room covers a wide array of spaces and layouts.

- Advanced video features frame conversations without distractions
- Industry-leading audio technologies capture every voice
- Intuitive controls and included IT tools simplify adoption & roll-out



## Features overview

Room is a premium solution suited for a wide variety of meeting spaces. Advanced features adapt to spaces and conversations in real-time to deliver exceptional quality—all with simple controls and sharing.

### Video features



**Wide-angle 4K camera**

95° viewing angle and HDR video mapping keep people in view wherever the placement or lighting



**Intelligent scene framing**

Automatically & discreetly frames conversations—not just talking heads—for immersive discussion



**Easy sharing**

Supports HDMI input or wireless sharing from partner apps



**Whiteboard view**

Share and present from the whiteboard with a tap. Room corrects & enhances the image for remote users

### Audio features



**3D audio**

Captures and maps voices to create the feeling of meeting in-person



**Dynamic leveling**

Boosts quiet voices while distinguishing speech from noise to make all voices clear at a consistent volume



**Full-room pickup**

Captures near and distant voices, as well as overlapping speech, so the conversation is heard as intended

## Room



Room is ready for your meeting spaces right out of the box: with simple plug & play setup, support for the modern IT environment and common use-cases.

- 1) Camera's wide-angle lens and optics keep everyone in view
- 2) Hub processes all video while powering advances imaging features
- 3) Phone captures and outputs audio with touch meeting controls built-in



## Dolby Conferencing Console

Device management, powerful analytics and troubleshooting tools—all included with Dolby Voice products. This virtual appliance provides centralized device management with version control and support for a variety of enterprise platforms.

IT administrators get a system dashboard with overall status, simplified device provisioning and updating with logical groupings and support for real-time monitoring and troubleshooting.

- Easily deploy Rooms with Dolby Voice at scale
- Centralized management with intuitive dashboard
- Powerful diagnostic tools, alerts and real-time reporting



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## TECHNICAL FEATURES, SPECIFICATIONS AND SETUP



### Dolby Voice Camera

Image sensor: 4K, 13  
View angle: 95°  
Lens: fixed focus f/2.0  
Connectivity: USB 3.0  
Mounting: tilt range +/- 20°  
HDR video mapping  
EPTZ capable  
Intelligent scene framing  
Whiteboard mode

### Video

Output Resolution: 1080p  
Frame Rate: up to 60 fps  
Codecs: H.264 Baseline and High Profile, VP8

### Dolby Conference Phone

Operating Modes: Dolby Voice, IP phone Service provider integration: IP connection and preconfigured access to Dolby Voice enabled conferencing services  
Touch-screen meeting management:

- One-touch meeting start with Bluetooth Low Energy (BLE) connection on supported partner apps
- Viewable roster of meeting attendees and active speaker, add/remove participants
- Contact directory with one-touch dialing
- Mute/unmute, three-way conferencing, conferencing join/split/hold/resume, call waiting, call history
- Broad interoperability. For details, visit [dolby.com/interop](https://dolby.com/interop)

### Audio

Features: Full duplex, noise suppression, acoustic echo cancellation, voice placement  
Codecs: DVC-2/G.711a/G.711u/G.722/G.729ab/Opus  
Audio range: Wideband HD, 160Hz - 8kHz  
Microphone range: 6.1m (20ft)  
Peak volume: 88 dB SPL at 1/2 meter (1.6 ft)

### Dolby Voice Hub

OS: Linux  
Monitor support: Dual (x2) display out ports  
Content sharing: Display in port-local/broadcast and wireless sharing through partner apps  
USB: USB 3.0 host ports (x3), USB 3.0 device port  
Network: 10/100 Mb (RJ-45) network interface

### Network Provisioning

IP address configuration: TCP/IP (IPv4), DHCP/ static IP  
Web: HTTP/HTTPS web server, web proxy auto-detection and proxy auto-configuration  
Support, WebRTC  
Time and date synchronization: SNTP  
VLAN support: Dolby Voice and IP telephony calls on separate voice and data VLANs  
QoS support: IEEE 802.1p/Q tagging (VLAN), Layer 3 TOS and DSCP

### Compliance

This product complies with the European RoHS Directive 2011/65/EU including amendment (EU) 2015/863.

## Setup

For best results, use the port connections at the back of the Phone, Hub and Camera as indicated to the right.

### Included in the Box

USB, HDMI & Ethernet cables, power supply

