# 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.

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

## 4-8 seats

15' long x 20' wide /
4.5m long  x 6m wide

## 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

**Intelligient 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

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## 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
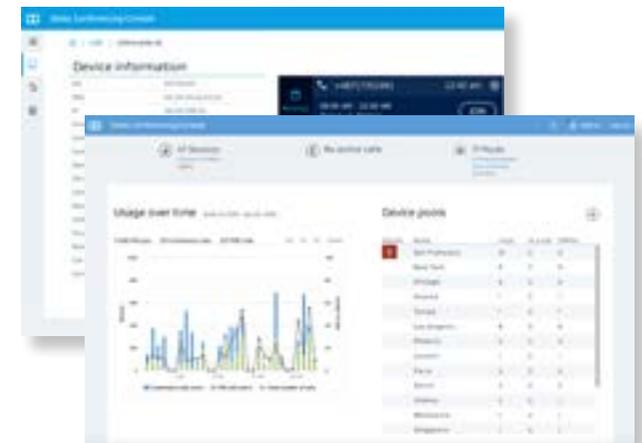3) Phone captures and outputs audio with touch meeting controls built-in

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## 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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### 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

### 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 dBSPL 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

BACK OF
CAMERA,
PHONE
AND HUB

USB
Diagnostic
Port

Kensington®
Lock

Satellite
Microphone

PC/HDMI
Input

TV/HDMI
Output

USB Camera
Input

PoE
Phone
Port
(Optional)

Ethernet
Port

Reset/
Power
Off