

DATA SHEET

Polycom[®] RealPresence Debut[™]

Polycom[®] RealPresence Debut[™] is an enterprise grade video conferencing solution made simple, elegant, and affordable for huddle rooms and smaller spaces. It also delivers cost-effective collaboration for smaller organizations that are ready to move up from consumer-grade alternatives, which are great for chatting with friends but don't get the job done at work.

Spaces and organizations of all sizes need enterprise-quality tools to keep up in today's increasingly competitive global market. RealPresence Debut delivers video collaboration that is sharp, rich and reliable, with full 1080p HD quality you can count on. Polycom[®] Lost Packet Recovery[™] (LPR[™]) technology keeps your meetings clear and on track, even through tough network conditions.

Stunning voice quality sounds as real as being there thanks to fine-tuning from the leading experts in conferencing audio, while Polycom NoiseBlock[™] technology keeps distracting background sounds from interrupting your conversations. Sharing content is just as easy and reliable. Simply plug a cable into your laptop to automatically start sharing, or use Polycom SmartPairing[™] technology to wirelessly connect your mobile device to share and annotate.

Huddle rooms and other smaller collaboration environments need solutions optimized for the unique needs of small spaces. RealPresence Debut uses a specially-designed camera with a wide field of view and flexible pan and tilt adjustments—ideal for spaces that are sometimes wider than they are deep. Its compact design sits right on top of your monitor, with no boxes to hide or cables to trip over. Integrated stereo microphones are optimized to capture every voice equally in smaller spaces, or add an optional extension microphone for even greater pickup.

RealPresence Debut gets you up and running with enterprise-grade video collaboration quickly and easily. Every detail is designed for simplicity, ensuring anyone can set it up quickly without technical help. Place it on your display, connect two cables, and that's it. The system will automatically configure itself when using RealPresence Cloud-enabled video services, making video calls just minutes after taking it out of the box.



Benefits

- Simple to set up and use
- Compact all-in-one design eliminates cable clutter
- Sharp, rich and reliable 1080p HD video collaboration
- Ensure everyone is in view with a camera specially-designed for huddle rooms and other smaller spaces
- Hear everyone clearly with innovative Polycom NoiseBlock technology and fine-tuned voice quality

RealPresence Debut product specifications

Package includes

- Polycom® RealPresence Debut™, cables, remote control, wall mount kit, power adapter

Optional component

- RealPresence Debut™ Expansion Microphone

Video standards and protocols

- H.263, H.264 Baseline Profile, H.264 High Profile, H.264 SVC
- H.239
- H.263 & H.264 Video error concealment

Video input

- Integrated camera

Video out

- 1 x HDMI 1.3

People video resolution encode

- 1920x1080, 30fps (HD 1080p)
- 1280x720, 30fps (HD 720p)
- 640x360, 30fps
- CIF (352x288), 30fps (for H.263 only)
- 320x180, 30fps

People video resolution decode

- 1920x1080, 30fps (HD1080p)
- 1280x720, 30fps (HD720p)
- 1280x768, 30fps (WXGA)
- 1024x768, 30fps (XGA)
- 800x600, 30fps (SVGA)
- 640x480, 30fps (VGA)
- 640x360, 30fps
- 320x240, 30fps (QVGA)
- SIF (352 x 240), 30fps
- 1024x576, 30fps (w576p)
- 768x448, 30fps (w448p)
- 576x448, 30fps (448p)
- 512x288, 30fps (w288p)

Content video resolution input (through 1 x HDMI)

- HD (1920 x 1080p)
- HD (1280 x 720p)
- XGA (1024 x 768)

- WXGA (1280 x 768)
- SVGA (800 x 600)

Content video resolution receive

- HD (1920 x 1080p), 15 fps
- HD (1280 x 720p), 30 fps
- XGA (1024 x 768), 30 fps

Content video resolution transmit

- HD (1920 x 1080p), 15 fps
- HD (1280 x 720p), 30 fps

Camera

- 4x digital zoom
- Motor-driven pan and tilt
- Horizontal field of view=80 degrees, Vertical field of view=50 degrees
- Privacy position
- Auto white balance
- Auto exposure
- Autofocus

Audio input

- 2 x integrated microphones
- 1 x RJ11 for external microphone (optional)

Audio output

- 1 x HDMI

Other interfaces

- 1 x USB 2.0

Audio standards and protocols

- 22KHz Siren LPR
- 22KHz Siren SAC
- 14KHz bandwidth with G.722.1C
- 7KHz bandwidth with G.722.1
- 3.4KHz bandwidth with G.711

Polycom® Constant Clarity™ technology

- Automatic gain control
- Automatic noise suppression
- Polycom NoiseBlock™ technology
- Instant adaptation echo cancellation
- Audio error concealment
- Polycom® Lost Packet Recovery (LPR™) technology
- “You Are Muted” indication
- Dynamic Bandwidth Allocation by far end

Other supported standards

- H.224/H.281, H.323 Annex Q, H.225, H.245, H.241, H.239, H.460
- BFCP (RFC 4582)

Network

- IPv4 support
- 1 x 10/100M Ethernet, support POE
- H.323 and/or SIP up to 4 Mbps
- Polycom® Lost Packet Recovery™ (LPR™) technology

Provisioning

- RealPresence Resource Manager
- BroadSoft DMS provisioning server
- Polycom Zero Touch Provisioning
- FTP server

Security

- Media Encryption (H.323, SIP): AES-128
- Authenticated access to admin menus, web interface,
- PKI/Certificate Management: TLS 1.0, 1.1

Electrical

- Auto sensing power supply
- Typical operating voltage/power: 48Vdc/0.52A @ 100V~240Vac/50-60Hz
- Typical BTU/h: 85

Environmental specification

- Operating temperature: 0 to 40 °C
- Operating humidity: 10 to 80%
- Non-operating temperature: -40 to 70 °C
- Non-operating humidity (non-condensing): 10 to 90%
- Maximum altitude: 10,000 ft.

Physical characteristics of RealPresence Debut base box

- 3.74”H x 13.39” W X 1.81” D
- 95mm H x 340mm W X 46mm
- < 2.2 lbs.

Warranty

- One-year return to factory parts and labor

About Polycom

Polycom helps organizations unleash the power of human collaboration. More than 400,000 companies and institutions worldwide defy distance with video, voice and content solutions from Polycom. Polycom and its global partner ecosystem provide flexible collaboration solutions for any environment that deliver the best user experience and unmatched investment protection.

