



DATA SHEET

Polycom® RealPresence® Practitioner Cart® 8000

HD video, audio, and image sharing for medical professionals and patients—no matter where they are located

Conference with confidence

The ability to bring high definition telehealth technology to the patient point of care is more important than ever in today's dynamic healthcare environment. The Polycom® RealPresence® Practitioner Cart® 8000 solution enables medical professionals to provide patients access to care regardless of time or distance constraints. The Practitioner Cart solution is also ideal for broadcasting medical procedures for education or telementoring.

The Polycom Practitioner Cart is specifically designed to meet the needs of mobile telehealth applications. The solution's small footprint is designed around a durable, enclosed cart frame that is easy to clean, protects internal electronics and computer from spills, and provides the ultimate in maneuverability and flexibility.

Usage environments

- Hospitals
- Community health centers
- Remote clinics
- Physicians' offices
- Emergency rooms
- Intensive care units
- Outpatient mental health centers
- University medical centers
- Skilled nursing facilities
- Prisons and jails
- Public health departments

Key applications

- Stroke/neurology
- Psychiatry/mental health
- Primary care
- Dermatology
- Intensive care
- Orthopedics/surgical follow-ups
- Cardiology
- Pulmonology
- Emergency/trauma
- Telementoring
- Sign and spoken translation services
- Case management



Benefits

- **High-definition video conferencing** 720p 30/60 fps or 1080p resolution for life-like experience
- **Platform support** for customer IT needs (laptop/PC)
- **Highly mobile, small footprint** with enclosed technology compartment for security and spill protection
- **AES encryption for HIPAA compliance** in patient care environments
- **Provisioned for mobile use** with battery power
- **Maintain eye contact** with powered electronic lift for height adjustment

The RealPresence Practitioner Cart 8000 transforms a roomful of technology into a simple, mobile workstation that sits at the head of a table or fits comfortably in an exam room.

Video display

- 24" LED with speaker bar

Video standards & protocols

- H.264
- H.264 High Profile (HiP)
- H.263++
- H.261
- H.239/Polycom® People+Content™
- H.263 and H.264 video error concealment

People video resolution

- 720p, 30 fps from 512 Kbps
- 720p, 60 fps from 832 Kbps
- 1080p, 30 fps from 1024 Kbps
- 4SIF/4CIF, 30 fps from 128 Kbps
- 4SIF/4CIF, 60 fps from 512 Kbps
- SIF (352 x 240), CIF (352 x 288)
- QSIF (176 x 120), QCIF (176 x 144)
- HD Continuous presence multipoint

Content video resolution

- Resolutions supported: HD (1920 x 1080), WSXGA+ (1680 x 1050), SXGA (1280 x 1024), HD (1280 x 720), XGA (1024 x 768), SVGA (800 x 600), VGA (640 x 480)
- Output: 720p (1280 x 720), 1080 (1920 x 1080), XGA (1024 x 768), SVGA (800 x 600)
- Content frame rate: 5–30 fps
- Content sharing: Polycom People+Content, Polycom® People on Content™ and Polycom® People+Content™ IP

Audio standards & protocols

- Polycom® StereoSurround™ technology
- 22 kHz bandwidth with Polycom® Siren™ 22 technology

- 14 kHz bandwidth with Polycom® Siren™ 14 technology, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728, G.729A
- Automatic gain control
- Automatic noise suppression
- Instant adaptation echo cancellation
- Audio error concealment
- Keyboard noise reduction
- Live Polycom® MusicMode™ technology

Other ITU-supported standards

- H.221 communications
- H.224/H.281 far-end camera control
- H.323 Annex Q far-end camera control
- H.225, H.245, H.241
- H.239 dual stream
- H.231 in multipoint calls
- H.460 NAT/firewall traversal

Maneuverability

- 4" twin wheel precision bearing casters (front locking)

Height adjustability

- 12" height adjustability (work-surface group includes display, camera and work-surface) from floor
 - Work surface: 32–44"
 - Camera: 60.4–72.4"

Cart construction

- Compact work surface
- Light weight aluminum and steel construction
- Easy to clean, powder coated finish
- Padded rear handle

Storage

- Lockable storage located under work surface: 3.5" x 15" x 12" (H x W x D)
- Accessory bin located on rear of cart
- Lockable drawer with electronic keyless entry located below technology enclosure 2" X 12" X 10" (H x W x D)

Dimensions & weight

- Footprint dimensions: 21.5" x 17"
- Overall dimensions
 - Width: 21"
 - Depth: 26.5" (including handle)
 - Height: 56.5"–68.5" (12" of height adjustability)
- Cart weight
 - Shipping weight 230 lbs.
 - Cart weight 215 lbs.

Input/Output connections

- Side connection panel
- 1 x RJ-45 for LAN (Codec and PC)
- 1 x VGA and digital input from laptop
- 1 x composite video
- DVI out
- 3 x USB ports and (1) HDMI port available with integration of a PC
- 1 x 3.5 mm audio in
- 2 x stereo audio in
- 1 x S-video

Power system

- Meets UL60601-1 leakage current specifications
- Automatic transfer switch
- Battery power system
- Audible low battery sound warning
- 55 amp sealed lead acid battery provides up to 2.5 hours of continuous, uninterrupted call time
- Central on/off switch with visible battery power gauge

Operating environments

- Operating temperature: 10–32°C
- Humidity operating: 10–80% non-condensing

Regulatory

- ANSI/AAMI ES60601-1:2005
- CAN/CSA-C22.2 No. 60601-1:2008
- NRTL & NRTL/C certified
- FDA Class 1 Medical Device Data System
- IEC 60601-1:2005
- EN 60601-1:2006

About Polycom

Polycom is the global leader in open standards-based unified communications and collaboration (UC&C) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom® RealPresence® Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment.

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