

# Polycom® QDX™ 6000

## High Resolution Video Conferencing System



The perfect balance of quality, performance, simplicity and affordability.

### **Rapid ROI and Increased Productivity**

For organizations looking to greatly enhance productivity and communication quality, the Polycom QDX 6000 high resolution video conferencing system combines unprecedented performance at low bandwidths with simplified setup and ease of use.

The Polycom QDX 6000 accelerates organizational ROI by reducing travel between geographically-dispersed sites, improves communication between teams and individuals, and enables faster and more informed knowledge sharing.

By making video deployable across a wider array of environments, the QDX 6000 enables organizations to implement video conferencing without dedicated IT resources and with minimal network impact. Delivering life-like meeting experiences and powerful content sharing capabilities, the QDX 6000 provides an optimal price-to-performance ratio for non-HD video applications.

### **High Resolution Video Conferencing, Simple to Install and Use**

Leveraging a powerful codec, studio-quality camera, high-quality audio, and multiple video inputs and outputs, the QDX 6000 is compatible with all standards-based video conferencing systems, conference bridges, firewall traversal products, and more. With highly secure AES encryption of video and audio communications and intuitive interfaces, users can securely call others and enter a video conference in seconds. Content and other media is shared via simple point-and-click interface, while Polycom Lost Packet Recovery™ technology provides smooth and uninterrupted conference experiences, even on congested networks.

Simple to install and easy to use, the Polycom QDX 6000 is an ideal solution for benefitting from the cost-savings and productivity enhancements of video conferencing.

### **Find Out More**

Learn what the Polycom QDX 6000 Series can do for your organization. Visit us at [www.polycom.com](http://www.polycom.com) or contact your Polycom representative.

### **Benefits**

- ▶ Simplified installation and ease of use
- ▶ Natural life-like communication at low bandwidths
- ▶ Smooth and uninterrupted video conferences, even across congested networks
- ▶ Superb audio clarity to hear every word, conversation, and speaker
- ▶ Improved meeting quality with simultaneous speaker and content views
- ▶ Improved collaboration with intuitive one-touch content sharing

# Polycom® QDX™ 6000 Series Specifications

## Package includes

- Polycom EagleEye™ QDX camera, codec, two microphones, cables, rack mount hardware and remote control

## Video Standards & Protocols

- H.264, H.263, H.261

## People Video Resolution

- 4SIF/4CIF 16:9 at 256 Kbps—4 Mbps
- SIF (352 x 240), CIF (352 x 288)
- QSIF (176 x 120), QCIF (176 x 144)

## Video Input

- 2 x S-Video, one with DB9 for Polycom EagleEye camera
- 2 x Composite
- 1 x VGA

## Video Output

### Main monitor

- Component 720p
  - 1 x S-Video
  - 1 x RCA

### Second monitor

- VGA, or:
  - 1 x S-Video
  - 1 x RCA

## Camera

- Polycom EagleEye QDX camera
  - 16:9 Aspect ratio
  - 12X Optical zoom
  - 72° FOV min
  - +/- 100° pan range
  - +20/-30° tilt range

## Audio Standards & Protocols

- Polycom StereoSurround™
- 22 kHz bandwidth with Polycom Siren™ 22
- 20 kHz bandwidth with G.719
- 14 kHz bandwidth with Polycom Siren 14, G.722.1 Annex C
- 7 kHz bandwidth with G.722, G.722.1
- 3.4 kHz bandwidth with G.711, G.728
- Automatic gain control
- Automatic noise suppression
- Instant adaptation echo cancellation
- Audio error concealment

## Audio Input

- 2 x RJ9 for Polycom analog microphones
- 2 x Dual RCA

## Audio Output

- 2 x Dual RCA



## Other ITU-Supported Standards

- H.224 far-end camera control
- H.323 Annex Q far-end camera control
- H.225, H.245, H.241
- H.239 dual stream
- H.460 NAT/firewall traversal

## Network

- Interfaces
  - 10/100 auto NIC switch, RJ45 connector
- H.323 / SIP up to 4 Mbps
- Lost Packet Recovery™ (LPR™) for QoS
- 2 x RS232 (1 x camera control)
  - Data pass through
  - Full serial API support

## User Interface

- Directory services
- System management
  - Web-based
  - SNMP
- CDR
- International languages (16)
- Message overlay
- Customizable logo
- Polycom Converged Management Application™ (CMA™)

## Security

- Security mode
- Embedded AES FIPS 197, H.235V3 and H.233/234

## Content

- Content sharing (H.239)
  - Polycom People+Content™ IP

## Electrical

- Auto sensing power supply
- Typical operating voltage/power 127VA @ 115V @ 60 Hz @ .57 PF
- Typical operating voltage/power 163VA @ 230V @ 60 Hz @ .44 PF
- Typical operating voltage/power 152VA @ 230V @ 50 Hz @ .47 PF

These numbers were empirically collected under TYPICAL operating conditions.

No attempt was made to force max power consumption.

## Environmental Specification

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

## Physical Characteristics

- Polycom QDX 6000 series base box (1U): 1.7" x 17.2" x 10.2" (H/W/D)

## Warranty

- One-year return to factory parts and labor

## Technical Documentation

- Award-winning documentation for setting up, maintaining, and using the system available at [www.polycom.com/videodocumentation](http://www.polycom.com/videodocumentation)

## Options

- Polycom Media Cart
  - 2583-26914-001
- EagleEye QDX flat panel/wall mounting shelf
  - 2215-24143-001
- Stereo Speaker Kit
  - 2200-21969-120 (120V)
  - 2200-21969-240 (240V)
- EagleEye Camera Cable
  - 2457-30821-002 (10 m)
- Wireless Microphone Kit
  - 2200-32400-001

  
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