



Polycom® RealPresence® Group Series Product Matrix

Use this guide to determine the right RealPresence Group Series model for your room and application.

Polycom® RealPresence® Group 310

High quality video at a breakthrough price for smaller meeting rooms, huddle rooms, and offices.

- Video quality up to 1080p60 with up to 1080p30 content*
- Call speed up to 3 Mbps
- Single display support
- Connect up to two Polycom digital microphone arrays
- Wired and wireless content connections
- Polycom® VisualBoard™ for content annotation and whiteboarding via USB mouse
- Polycom® NoiseBlock™ to reduce distracting background sounds
- Single touch to dial with integrated room calendar
- Enhanced display available via optional license key, including dual display support and touch display support for system control and VisualBoard
- Skype for Business integration available via optional license key



Polycom® RealPresence® Group 500

Powerful video collaboration performance for conference rooms and other meeting environments in a sleek design that is easy to configure and use. In addition to all the features of RealPresence Group 310, the RealPresence Group 500 model also includes:

- Dual display support standard
- Up to 6-way HD multipoint available via optional license key
- Call speeds up to 6 Mbps
- Touch display support standard for system control or Polycom VisualBoard content annotation and whiteboarding
- Polycom® Acoustic Fence™ to create a physical space that captures voices from inside while blocking voices and sounds from outside
- Connect up to four Polycom digital microphone arrays



Polycom® RealPresence® Group 700

Extreme video collaboration performance and flexibility for board rooms, lecture halls, and other locations where only the best will do. In addition to all the features of RealPresence Group 500, the RealPresence Group 700 model also includes:

- Dual HDCI camera support, plus two other video inputs including HDMI, VGA, Composite and Component
- Dual live stream, enabling both cameras can be composited into one video stream for side-by-side viewing (Polycom Labs)
- Simultaneous video and content quality up to 1080p60*
- Output up to three displays on either HDMI or VGA
- Optional multipoint license upgraded to 8-way HD
- Many additional audio, video and network ports for added flexibility
- Easy rack mounting with included “ears”
- Internal power supply



* 1080p resolution available via optional license key

POLYCOM REALPRESENCE GROUP SERIES PRODUCT MATRIX



	RealPresence Group 700	RealPresence Group 500	RealPresence Group 310
Video and audio performance*			
1080p 60 fps video from 1.7 Mbps	•	•	•
1080p 30 fps video from 1 Mbps	•	•	•
720p 60 fps video from 832 Kbps	•	•	•
720p 30 fps video from 512 Kbps	•	•	•
4CIF 60 fps video from 512 Kbps	•	•	•
4CIF 30 fps video from 128 Kbps	•	•	•
Polycom® HD Voice™ audio to 22 kHz	•	•	•
Maximum call speed	6 Mbps	6 Mbps	3 Mbps
Video inputs			
HDCI (Camera)	2	1	1
HDMI	3 (HDMI 1.4)	1 (HDMI 1.3)	1 (HDMI 1.3)
VGA	1	1	1
Component (YPbPr)	1		
Video outputs			
HDMI	3 (HDMI 1.3)	2 (HDMI 1.3)	1 (HDMI 1.3)**
VGA	3		
Simultaneous video output signals	3	2	1**
Touch monitor support	•	•	Optional**
Audio inputs			
HDCI (Camera)	2	1	1
HDMI	3	1	1
Digital audio inputs*	2	1	1
Digital microphone arrays supported	4	4	2
RCA line-in	2		
3.5mm stereo line-in		1	1
Audio outputs			
HDMI	1	1	1
RCA pair stereo line-out	1		
3.5mm Stereo line-out		1	1

* 1080p option required for 1080p video and content.

** Second HDMI output and touch monitor support can be enabled via optional license key

*** Used for digital microphone arrays, SoundStructure, and SoundStation IP 7000

POLYCOM REALPRESENCE GROUP SERIES PRODUCT MATRIX

	RealPresence Group 700	RealPresence Group 500	RealPresence Group 310
Connectivity			
Ethernet (10/100/1G)	2	1	1
USB	3	2	2
RS-232	DB9	Mini-DIN 8-Pin	Mini-DIN 8-Pin
MultiPoint (via optional license key)			
Maximum 720p30 HD connections	8	6	
Maximum 1080p30 HD connections	4	4	
Content sharing*			
Polycom® People+Content™ / H.239 via HDMI/VGA content inputs	•	•	•
H.239 via Polycom® People+Content™ IP	•	•	•
1080p60fps content transmit	•	•	•
1080p60fps content receive	•	•	•
Simultaneous 1080p video/content (one 30fps, one 60fps)	•	•	•
Simultaneous 1080p60 video and content	•		
Additional features			
Polycom® Acoustic Fence support	•	•	
Polycom® EagleEye™ Director II Camera	•	•	•
Polycom® EagleEye™ Producer	•	•	•
Polycom® RealPresence® Touch	•	•	•
Polycom® VisualBoard Technology	•	•	•
Polycom® SoundStation® IP 7000 Integration	•	•	•
Polycom® SoundStructure® Integration	•	•	•
API support	•	•	•
Optional Skype for Business / Office 365 intergration	•	•	•

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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.

Polycom, Inc.
1.800.POLYCOM
www.polycom.com

Polycom Asia Pacific Pte Ltd
+65 6389 9200
www.polycom.com.sg

Polycom EMEA
+44 (0)1753 723282
www.polycom.co.uk

