



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

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

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Audio outputs			
HDMI	1	1	1
RCA pair stereo line-out	1		
3.5mm Stereo line-out		1	1
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® EagleEye™ Director Camera	•	•	•
Polycom® EagleEye™ Producer	•	•	•
Polycom® RealPresence® Touch	•	•	•
Polycom® UC Board™ / VisualBoard Technology	•	•	•
Polycom® SoundStation® IP 7000 Integration	•	•	•
Polycom® SoundStructure® Integration	•	•	•
API support	•	•	•
Optional Lync / Skype for Business integration	•	•	•

* 1080p option required for 1080p video and content. ** Second HDMI output and touch monitor support can be enabled via optional license key

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.

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