



# VidyoPanorama™

## Multi-Screen Group Solution



VidyoPanorama™ 600 is a multi-screen group solution that allows distributed teams to connect and collaborate easily from desktop, mobile, and room-based systems. While typical room systems limit you to just two screens for people and content, VidyoPanorama 600 drives up to six screens. And thanks to the exclusive Multi-Participant Content Sharing feature, content streams from up to six participants can be displayed at the same time.

Like all Vidyo endpoints, VidyoPanorama 600 takes full advantage of the H.264 SVC standard (UCIF Mode 2s) and Vidyo's exclusive dynamic adaption technology to deliver exceptional performance, resolution, and reliability over broadband wired and wireless networks. By displaying multiple content shares and HD participant video on up to six screens, VidyoPanorama 600 helps distributed teams collaborate efficiently, make informed decisions, and move projects forward.

## Key Features

### VidyoPanorama Highlights

- Single appliance powers up to 6 screens of any size at up to 1080p60 resolution
- Displays shared content from up to 6 participants at the same time
- Each screen can display a full-screen participant, shared content, or up to 8 participants in continuous presence
- Dynamic adaption technologies optimize each video stream to gracefully conceal and then recover from network errors

### Universal Collaboration

- Conference with 150+ participants from all types of endpoints, including room systems, desktops, laptops, tablets, and mobiles
- Interoperate with legacy endpoints via VidyoGateway™ or through the free VidyoWay™ interconnectivity service

### Enhanced Content Sharing

- Higher frame rates for smoother display of content in motion
- Every participant – even remote participants – can toggle between multiple streams of shared content
- Compatible with the VidyoSlate™ app to display, share, and annotate content with any supported tablet

### Ease of Deployment and Use

- VidyoRemote™, a free app for iPads and Android tablets, makes it easy to call participants, control PTZ cameras, and share content
- Works in any conference room, no special furniture or floor plan required
- Integrates with room automation solutions such as AMX, Crestron, and Extron

# Specifications

<b>VidyoPanorama™ 600</b>	
<b>System Components</b>	1x VidyoPanorama 600 Appliance 1x Touchscreen VidyoRemote Tablet
<b>Video Codec</b>	<b>Native:</b> H.264 SVC (UCIF Mode 2s) <b>Via VidyoGateway:</b> H.263, H.263+, H.264 AVC
<b>Audio Codec</b>	<b>Native:</b> SPEEX Wideband Audio up to 32 Khz sampling rate <b>Via VidyoGateway:</b> G.711, G.722
<b>Live Resolutions (Transmitted)</b>	<b>Native:</b> 1080p60, 1080p30, 720p60 <b>Via VidyoGateway:</b> 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
<b>Live Resolutions (Received)</b>	<b>Native:</b> 1080p60, 1080p30, 720p60 <b>Via VidyoGateway:</b> 1080p30, 720p30, 4CIF, 4SIF, CIF, SIF, QCIF
<b>Data Rate (Transmitted)</b>	<b>Minimum:</b> 1Mbps at 720p 30fps, or 2Mbps at 1080p 60fps <b>Maximum:</b> 6Mbps at 1080p 60fps
<b>Data Rate (Received)</b>	<b>Minimum:</b> 1Mbps at 720p 30fps, or 2Mbps at 1080p 60fps <b>Maximum:</b> 36Mbps in multiple video streams
<b>Content Sharing Resolution</b>	Displays up to 1080p, with automatic fitting of any resolution up to QSXGA (2560 x 2048)
<b>Content Sharing Participants</b>	Up to 6 (one share per screen); from any desktop, room system, or the VidyoSlate™ app
<b>Video Outputs</b>	6x Mini DisplayPort (DVI adaptors included)
<b>Camera In</b>	1x DVI
<b>Camera Control</b>	1x RS-232P
<b>Content Share In</b>	1x DVI
<b>Audio Inputs/Outputs</b>	1x USB
<b>Signaling Protocols</b>	<b>Native:</b> EMCP, SCIP <b>Via VidyoGateway:</b> H.323, SIP
<b>Encryption</b>	<b>Native:</b> AES 128bit, TLS, SRTP, HTTPS <b>Via VidyoGateway:</b> H.235
<b>Centralized Configuration and Management</b>	VidyoPanorama systems are configured and managed by the VidyoPortal
<b>Monitoring</b>	SNMP
<b>Network Interface</b>	Gigabit Ethernet: Supports 10BASE-T, 1000BASE-TX and 1000BASE-T, RJ45 outputs
<b>Power Supply</b>	1x redundant 350W, 100-240v, 4.8-2A, 50-60Hz
<b>Recommended Camera</b>	Sony EVI-HD7 Camera
<b>Recommended Audio</b>	For the current list of recommended devices, see <a href="http://www.vidyo.com/support/peripherals-2/">http://www.vidyo.com/support/peripherals-2/</a>
<b>Recommended Network</b>	<b>LAN Switch:</b> Enterprise-class Ethernet switch, such as HP Procurve 1810G 24-port Ethernet Switch or Cisco Catalyst 2960 Series <b>Wi-Fi:</b> Wireless G or better Wi-Fi router for system control by the wireless VidyoRemote tablet <b>WAN:</b> Broadband IP WAN link (QoS not required)
<b>Operating Temperature Range</b>	10 to 35° C (50 to 95° F)
<b>Non-Operating Temperature Range</b>	-40 to 65° C (-40 to 149° F)
<b>Operating Humidity Range</b>	20% to 80% (non-condensing)
<b>Non-Operating Humidity Range</b>	5% to 95% (non-condensing)
<b>Regulatory</b>	<b>EMI/EMC:</b> EN55022, EN55024, FCC, VCCI, Australian/New Zealand, MIC (Korea) <b>Safety:</b> USA: TUV certified; Canada: TUV certified; Europe/CE Mark EN 60950/IEC 60950-Compliant; China: CCC Certification <b>Environmental:</b> RoHS compliant
<b>Dimensions</b>	Height: 1.68" (42.8 mm) Width: 17.08" (434 mm) Depth: 23.89" (607 mm) Gross Weight: 43.87 lbs (19.9 kg)



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