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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 tablet app, 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

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



Vidyo, Inc. (Corporate Headquarters)

433 Hackensack Ave., Hackensack, NJ 07601, USA
Tel: 201.289.8597 Toll-free: 866.998.4396
Email: vidyoinfo@vidyo.com

EMEA

emea@vidyo.com
+33 (0) 488 718 823

APAC

apac@vidyo.com
+852 3478 3870

INDIA

india@vidyo.com
+91 124 4111671

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