Vidyo®
Personal Telepresence

VidyoGateway™

Connect existing technology with modern video conferencing

VidyoGateway™ integrates H.323 and SIP-based video conferencing equipment with the Vidyo infrastructure to extend the life of legacy systems as you deploy new Vidyo endpoints. Because calls through the VidyoGateway do not consume VidyoLine™ licenses, integration with legacy endpoints is both easy and affordable. VidyoGateway also enables voice integration for enterprise IP PBX systems with the VidyoConferencing system.

Key Features

Intuitive User Experience

• Connect and control legacy endpoints and cameras

• Add legacy endpoints to personal speed-dial directory for one-click access

• Share content between legacy and Vidyo endpoints via H.239

• Mute audio, select video privacy for VidyoGateway participants from any Vidyo room

• Far-end Camera Control of legacy systems from any VidyoRoom™ or VidyoDesktop™

Ease of Management

• Simplify administration, configuration and maintenance with web-based interface

• Monitor real-time resource utilization

• Add legacy devices as users to name-based directory

• Add to, remove from and moderate legacy endpoints in conferences

• Create reusable profiles to simplify call configuration and setup

• Leverage built-in security management: SSL certificates, private key management, NAT and firewall traversal, and HTTPS

Flexible Deployment

• Registers to an H.323 Gatekeeper

• Supports prefix+IP or GDS dialing with PIN delimiter

• Supports SIP record route headers (UDP signaling only)

• Connects to both MCUs and endpoints

• Provides SNMP (MIB II) enabled elements

• Supports optional configuration of an external NTP server for time zone management

• Provides packet-loss error resiliency over the Internet through VidyoRouter – no external QoS required if co-located with legacy endpoints

• Supports clustering to extend overall capacity and improve resiliency

• Supports VidyoRoom or VidyoDesktop outbound FECC for legacy endpoints

Supported Protocols and Standards

Supported Codecs:

• H.264 SVC, H.264, H.263 (video)

• G.711, G.722 (audio)

Supported Protocols:

• H.323 and SIP (signaling)

• H.235 AES Encryption for H.323 legacy endpoints

• H.239 (data sharing)

• H.224 Far-end Camera Control (FECC)

Specifications

	VidyoGateway™	VidyoGateway XL
Capacity	1x HD 720p30 @ 1Mbps 4x SD @ 768Kbps 12x CIF @ 384Kbps 50 audio ports	2x HD 1080p30 @ 2Mbps, or 5x HD 720p30 @ 1Mbps 15x SD @ 768Kbps 25x CIF @ 384Kbps 50 audio ports
Dimensions	Height: 1.67" (42.6mm) Width: 15.5" (393.7mm) Depth: 17.1" (431mm) Gross Weight: 17lbs (7kg) Form Factor: 1U Rack mount	Height: 1.69" (43.0mm) Width: 17.09" (434.0mm) Depth: 24.69" (627.1mm) Gross Weight: 35.02lbs (15.9kg) Form Factor: 1U Rack mount
Back Panel	2x RJ45 LAN ports - 100BASE-TX, and 1000BASE-T, 2x USB Ports, 1x VGA Port, PS/2 keyboard and mouse ports, 1 Fast UART 16550 serial port	2x RJ45 LAN ports - 100BASE-TX and 1000BASE-T, 1x External Serial Port, 1x VGA Port, 2x USB2.0 Ports
Operating Environment	**Operating Temperature Range:** 10° to 35°C (50° to 95°F) **Non-Operating Temperature Range:** -40° to 70°C (-40° to 158°F) **Operating Humidity Range:** 8% to 90% non-condensing **Non-Operating Humidity Range:** 5% to 95% non-condensing	**Operating Temperature Range:** (for altitude ≤ 900m or 2952.75ft) 10° to 35°C (50° to 95°F) **Non-Operating Temperature Range:** -40° to 65°C (-40° to 149°F) **Operating Humidity Range:** 8% to 90% non-condensing **Non-Operating Humidity Range:** 5% to 95% (maximum wet bulb temperature = 38°C non-condensing)
Power Supply	**Input:** 100-240 VAC (auto), 3A max, 50-60Hz **Output:** 200W, +3.3V (8A), +5V (8A), +12V (16A), -12V (0.5A), +5Vsb (2A)	**Input:** 100-240v ~, 3.5-7.0A, 60-50Hz **Output:** 2 x 500W Redundant (auto-ranging) PS
Regulatory Compliance	**Safety:** CSA/EN/IEC/UL 60950-1 Compliant, UL or CSA Listed (USA and Canada), CE Marking (Europe) **EMC:** Electromagnetic Emissions: FCC Class A, EN 55022 Class A, EN 61000-3-2/-3-3,CISPR 22 Class A **Electromagnetic Immunity:** EN 55024/ CISPR 24, (EN 61000-4-2, EN 61000-4-3, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-8, EN 61000-4-11)	**Safety:** EN 60950-1:2006 / IEC 60950-1:2005 ed2 **EMC:** EN 55022:2006 +A1:2007 / CISPR 22:2005 +A1:2005 EN 55024:1998 +A1:2001 +A2:2003 / CISPR 24:1997 (modified) +A1:2001 +A2:2002 EN 61000-3-2:2006 / IEC 61000-3-2:2005 (Class D) EN 61000-3-3:1995 +A1:2001 +A2:2005 / IEC 61000-3-3:1994 +A1:2001 +A2:2005 Australia C-TICK Class A, Argentina IRAM; Canada NRTL ICES Class A; China CCC Class A; Croatia KONCAR Class A; EU CE Class A; Germany TUV ; IECEE IECEE CB; Israel SII Class A; Japan VCCI Class A; Mexico NOM; Moldova INSM Class A; Nigeria SONCAP; Norway NEMKO Class A; Russia GOST Class A; South Africa NRCS SABS Class A; South Korea KC Class A; Taiwan BSMI Class A; United States NRTL FCC Class A; Vietnam ICT Class A

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