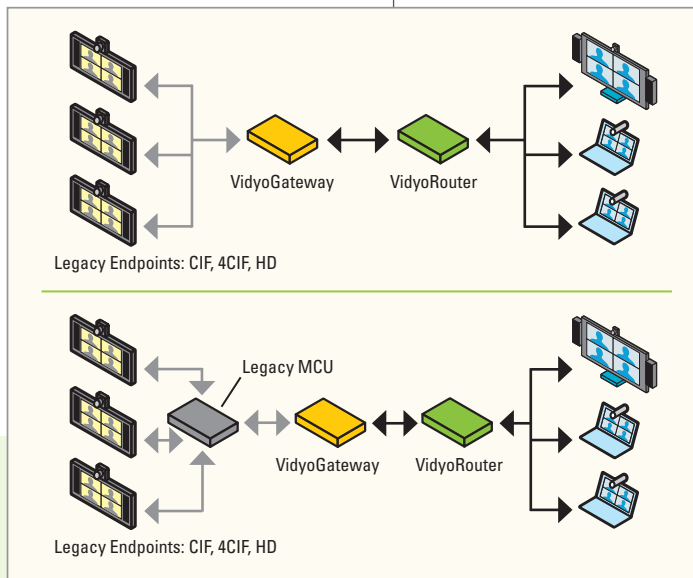


# VidyoGateway



Adopting revolutionary technologies can be a double edged sword. On one hand, you have compelling new benefits and economies afforded by the new technology, while on the other hand you have an existing investment in legacy technology that you may not be ready to retire. Vidyo understands that a flash cut from “old” to “new” is typically not practical and that there is need for your new VidyoRouter™ based personal telepresence solution to interoperate with your existing H.323 and SIP based videoconferencing equipment. The VidyoGateway provides the migration path you need. You can retain the use of your legacy room systems and MCUs and let them interoperate with your VidyoConferencing™ future. Like VidyoRooms, calls through the VidyoGateway do not consume VidyoLine™ licenses, making integration with legacy endpoints not only easy, but affordable.

▲ *Best of both worlds - The VidyoGateway provides interoperability with the legacy endpoints while participating as an SVC based endpoint from the VidyoRouter's perspective.*

## VidyoGateway Benefits:

- Extend existing room system deployments to the desktop
- Protects H.323 & SIP endpoint investment while migrating to next generation architecture
- Connects VidyoConferencing to legacy MCUs
- Eliminates need for expensive QoS networks between remote locations for legacy room systems when Vidyo Gateway is provisioned on the same LAN
- Facilitates data sharing with legacy endpoints via H.239

The VidyoGateway™ appliance connects to legacy videoconferencing endpoints and MCUs such as Polycom and Tandberg, and enables them to interoperate with Vidyo's breakthrough architecture. The VidyoGateway supports both H.264 and H.263 video conferencing using SIP and H.323 signaling as well as H.239 for data sharing.

There are two models of the VidyoGateway to help optimize price per H.323 or SIP port based upon deployment configuration and capacity requirements.

### Capacity

VidyoGateway	VidyoGateway XL
1 x HD 720P30 @ 1.5 Mbps	5 x HD720P30 @ 1.5 Mbps
4 x 4CIF (SD) @ 768 Kbps	15 x 4CIF (SD) @ 768 Kbps
12 x CIF @ 384 Kbps	25 x CIF @ 384 Kbps
50 Audio Only Ports	50 Audio Only Ports





With VidyoGateway,  
you can retain the  
use of your legacy  
room systems and  
MCUs and let them  
interoperate with your  
VidyoConferencing™  
future.

# VidyoGateway

## Gateway Features and Functions:

### Protocols & Standards

- H.323 and SIP (signaling)
- Standard H.235 AES Encryption for H.323 legacy End Points
- H.245 for routed gatekeeper calls
- H.239 (data sharing)
- G.711, G.722 (audio)
- H.264 SVC, H.264/AVC up to HD (video)
- H.263 (video)

### Administration

- Intuitive web-based administration, configuration & maintenance
- Real-time resource utilization monitoring
- Add legacy devices as users to name-based directory
- Add to, remove from and moderate legacy endpoints in conferences
- Create profiles using parameters like resolution, bit rate, layout, # of participants, H.239 data sharing, etc.
- Configuration changes and service prefix modifications apply without having to reboot

### Deployment

- Registers to a SIP Proxy and 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
- SNMP (MIB II) enabled elements
- Supports optional configuration of an external NTP server for timezone management
- Provides packet-loss error resiliency over the Internet toward the VidyoRouter – no external QoS required if colocated with the legacy endpoint
- Multiple VidyoGateways can be stacked to increase number of supported ports
- Supports outbound far end camera control (FECC)
- 50 audio-only ports

### User Experience

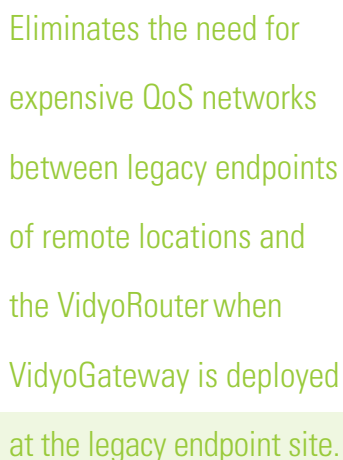
- Add legacy endpoints into personal meeting space through VidyoPortal, similar to Vidyo endpoints
- Control legacy endpoints during meeting from VidyoPortal
- Add legacy endpoints to personal speed dial directory for one-click access
- Effortless H.239 data sharing (happens automatically using VidyoDesktop share feature)
- Vidyo room owner can Mute the audio and select video Privacy for Gateway participants during the video call from the Control Meeting page



Extend existing room  
system deployments  
to the desktop.

## VidyoGateway Specifications:

PHYSICAL SPECIFICATIONS	VidyoGateway	VidyoGateway XL
<b>DIMENSIONS:</b>	Height - 1.7" (43mm) Width - 17.2" (437mm) Depth - 14.5" (369mm) Gross Weight - 17 lbs (7kg) Form Factor - 1U Rackmount	Height - 1.69" (43.0 mm) Width - 17.09" (434 mm) Depth - 24.69" (627.1 mm) Gross Weight - 35.02 lbs (15.9 kg) Form Factor - 1U Rackmount
<b>BACK PANEL:</b>	<b>Ports</b> 2x RJ45 LAN ports - 100BASE-TX, and 1000BASE-T 2x USB 1x VGA Port PS/2 keyboard and mouse ports 1 Fast UART 16550 serial port	<b>Ports</b> 2x RJ45 LAN ports - 100BASE-TX and 1000BASE-T 1x External Serial Port 1x VGA Port 2x USB2.0 Ports
<b>FRONT PANEL:</b>	<b>Buttons</b> Power On/Off button  <b>LEDs</b> Power LED Hard drive activity LED Network activity LEDs System Overheat LED  <b>Ports</b> 2x USB Ports  <b>Peripheral Drives</b> DVD-ROM - Slim 8x DVD / 24x CD-ROM drive	<b>Buttons</b> Power On/Off button  <b>LEDs</b> Power LED LED indicator for HDD cabled Drive Activities LED indicator for hot-swap (RAID only) configuration 2x Network Indicators LED Control Panel consisting of 1 Front System Status LED 1 Rear System Status LED  <b>Ports</b> 1x VGA Port 2x USB 2.0 Ports
<b>OPERATING ENVIRONMENT:</b>	Operating Temperature Range: 10° to 35°C (50° to 95° F) Non-Operating Temperature Range: -40° to 70°C (-40° to 158° F) Humidity Range: 8 - 90% non-condensing Non-Operating Humidity Range: 5% - 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) Non-Operating Humidity Range: 5% - 95% (maximum wet bulb temperature = 38°C non-condensing)
<b>POWER SUPPLY:</b>	Rated Output Power: 200W Rated Output Voltages: +3.3V (8A), +5V (8A), +12V (16A), -12V (0.5A), +5Vsb (2A)	INPUT: 100-240v ~, 3.5A, 60-50Hz OUTPUT: 2 x 500W Redundant (auto-ranging) Power Supply
<b>SYSTEM INPUT REQUIREMENTS:</b>	AC Input Voltage: 100-240 VAC (auto-range) Rated Input Current: 3A max. Rated Input Frequency: 50 to 60 Hz	AC Input Voltage: 100-240 VAC Rated Input Current: 7.0A - 3.5A Rated Input Frequency: 50 to 60 Hz



## PHYSICAL SPECIFICATIONS

## VidyoGateway XL

## REGULATORY COMPLIANCE

Safety:

EN: 60950-1:2006 / IEC 60950-1:2005 ed2

EN 55024:1998 +A1:2001 +A2:2003

/ CISPR 24:1997 (modified) +A1:2001

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

433 Hackensack Ave  
Hackensack, NJ 07601  
Phone: +1.201.289.8597  
Toll-free: +1.866.998.4396  
Fax: +1.201.490.5340  
[www.vidyo.com](http://www.vidyo.com)

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