VidyoPanorama™ 600 Installation Diagrams

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Getting More Information

For more information about VidyoPanorama 600, refer to the following documents:

- *VidyoPanorama 600 Release Notes*
- *VidyoPanorama 600 Administrator Guide*
- *VidyoPanorama 600 Upgrade Kit Technical Note*
- *Vidyo Group Solutions Quick User Guide*
- *VidyoRemote for Android Quick User Guide*
- *VidyoRemote for Android Release Notes*
- *VidyoRemote for iOS Quick User Guide*
- *VidyoRemote for iOS Release Notes*
- *VidyoServer Installation Guide*
- *VidyoConferencing Administrator Guide*

You can find these and other documents at https://selfservice.vidyo.com or http://support.vidyo.com. Contact your Vidyo sales representative or Vidyo Support for additional Vidyo product resources.

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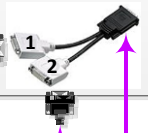
VidyoPanorama™ 600 Installation Diagrams

Video, Control, and USB Connections

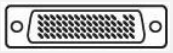
Sony EVI-HD7V

DVI Cable to DVI 1 on Dongle

Dual DVI to DMS-59 Dongle



Note: Connect the DVI (labeled 1) to your camera, DVI (labeled 2) to your content input, and then carefully match the DMS-59 serial pins on both the dongle and your server before securing the connection.



DVI DVI DVI DVI DVI DVI

DVI to HDMI Cables

Note: DVI display connections are also supported.

Mini DisplayPort to DVI Dongles

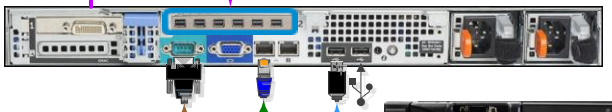
Notes:

- Use the provided secure strap mechanism to secure and protect your Mini DisplayPort connections on the back of your VidyoPanorama 600.
- Connect your 1-6 displays successively from L to R.

HDMI to DVI Cable to DVI 2 on Dongle

Note: Cable not included. Connections vary from computer or laptop content input sources.

VidyoPanorama 600 Server (Back)



VidyoPanorama 600 Server (Front)

HDMI
OR
DVI-D

CONTENT INPUT
Optional monitor not part of the Vidyo Panorama system.

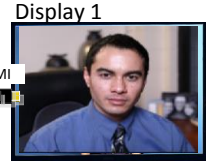
VISCA to RS-232 Cable

RJ45 Cable to Eth01

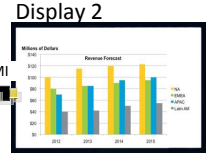
USB A to USB B Cable

Note: Cable not included. Must be connected to the USB on the back of VidyoPanorama 600.

Display 1



Display 2



Display 3

Display 4

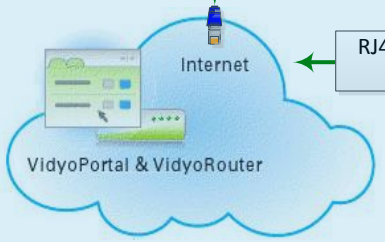
Display 5

Display 6

Notes:

- Products in this shaded region illustrate your preexisting infrastructure and may include other VidyoServers, your LAN, and a wireless router. These items are not part of your VidyoPanorama 600 product purchase.
- Your AV engineer or integrator and Vidyo sales representative will determine the necessary components to meet your specific needs.

VidyoRouter
VidyoReplay
VidyoGateway



RJ45 Cable to Wireless Router (for VidyoRemote)

Wireless Router

Audio Solution
Refer to Detailed Audio Connections

LEGEND:

DVI/HDMI | Control | USB | Network

VidyoPanorama™ 600 Installation Diagrams

Detailed Audio Connections

VidyoPanorama 600 Server (Back)

USB A to USB B Cable

Note: Cable not included. Must be connected to USB on back of VidyoPanorama 600.

USB to Analog Converter (Front)

USB to Analog Converter (Back)

Tip:
Typical installations set USB to analog audio converters to approximately 20 – 30% gain. Have your AV engineer or integrator appropriately set the gain level on your new device for optimal performance.

Notes:

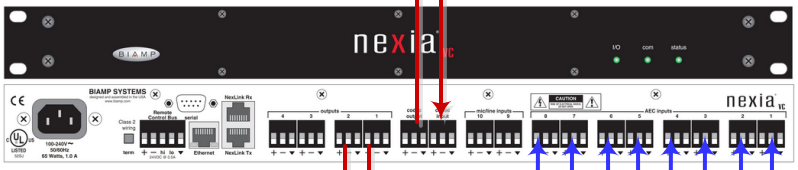
- Products in this diagram show a USB to analog converter (PreSonus shown), an analog mixer (Biamp shown), a power amplifier (Biamp shown), microphones, speakers, and cables all not part of an initial VidyoPanorama 600 product purchase. The diagram is intended for reference only.
- Your AV engineer or integrator and Vidyo sales representative will determine the necessary components to meet your specific needs.

Signal Cable from Converter to Mixer

Note: Use the XLR (F) to ¼ in. (Phono, M) converter to make this connection, if necessary.

Signal Cable from Mixer to Converter

Analog Amplifier and Mixer with Echo Canceller (Front and Back)



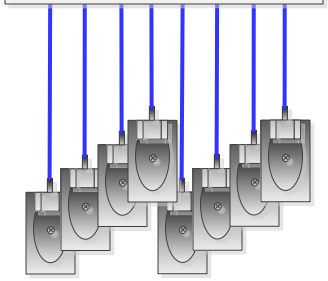
Power Amplifier (Back)

Signal Cable from Mixer to Power Amplifier

Signal Cable from Mixer to Power Amplifier

Microphones Connected via AEC Inputs

Note: Up to eight microphones connected from R to L.



Speaker Connections

LEGEND:

L/R Audio	USB	Mic Audio	Speaker Audio

VidyoPanorama™ 600 Installation Diagrams

Power Circuit Connections

VidyoPanorama 600 Server (Front)

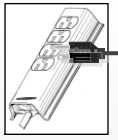
VidyoPanorama 600 Server (Back)

REDUNDANT POWER SUPPLY
Regardless of UPS or rackmount setups being used, ensure the main (left) power connection goes to one circuit and the auxiliary (right) power connection goes to another.

Circuit A

Circuit B

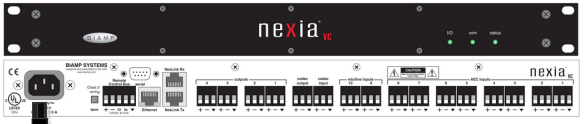
SURGE PROTECTOR OR POWER FILTER
We recommend the use of a surge protector or power filter on both power connections.



C13 Power Cable

C13 Power Cable

Analog Amp and Mixer with Echo Canceller



Product Power Cable

Wireless Router

Product Power Cable

Circuits B-X

Note: Your AV engineer or integrator will divide circuit voltages based on the amps drawn from various non-Vidyo products.

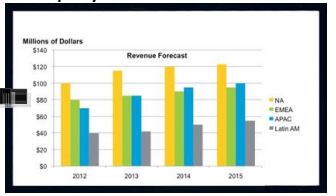
C13 Power Cable

C13 Power Cable

C13 Power Cable

Display 1

Display 2



Display X

CONTENT INPUT
Optional monitor not part of the Vidyo Panorama system.

C13 Power Cable

Sony EVI-HD7V

Sony Power Cable

LEGEND:

Power →

VidyoPanorama™ 600 Installation Diagrams

Included Items and Peripherals

VidyoPanorama 600 Included Items	
Main Components	***Video, Control, and Network Cables***
• VidyoPanorama 600 Server • VidyoPanorama 600 Front Bezel • Dell 420 Static Rails • Sony EVI-HD7V Camera (Boxed Separately)	• MiniDisplayPort to DVI (M) Dongles (Qty. 6) • DVI (M) to HDMI Cables (15 ft, Qty. 6) • Dual DVI (F) to DMS-59 (M) Dongle • VISCA to RS-232 Cable • RJ45 Cable
Power Cables	***Labels***
• United States Power Cords (C13, Qty. 2) • International Power Cord Kit (Qty. 2 kits of 7 cables) – Each kit contains seven cables for attaching main and auxiliary redundant power supply connections on the back of the VidyoPanorama 600 server to separate power circuits. The seven cable sets apply to Australia, China, Europe, Ireland/United Kingdom, Japan, Korea, and Taiwan.	• Serial Number Bar Code Labels (Qty. 4) • MAC Address Bar Code Labels (Qty. 4)

Recommended and Supported Peripheral Devices (Items Not Included with VidyoPanorama 600)

The customized solution that you, your AV engineer or integrator, and your Vidyo sales representative select will determine which additional peripheral devices you need to purchase. Additional peripheral devices may include other VidyoServers, a USB to analog audio converter, an analog mixer, a power amplifier, microphones, speakers, cables, and a 32 in. (81.28 cm) deep rackmount solution. To view the list of the peripherals supported with VidyoPanorama 600, refer to http://www.vidyo.com/services-support/technical-support/peripherals/.

Use only the recommended and supported peripheral devices listed on http://www.vidyo.com/services-support/technical-support/peripherals/. Recommended devices have been tested and provide a better than acceptable experience, while supported devices have been tested and provide an acceptable experience.

Your LAN and wireless routers are considered part of your preexisting infrastructure.