



Visual Learning Served On Demand™

# SAFARI Montage Live! H.323 Gateway Installation Guide

# SAFARI Montage® Live! H.323 Gateway

Thank you for choosing the SAFARI Montage Live! H.323 Gateway. In just a few steps, you'll have the ability to include traditional H.323-based videoconferencing systems in your SAFARI Montage Live! videoconferencing sessions. This setup guide covers how to install and configure your gateway.



## Step 1

### Unpacking the Hardware

Carefully remove the SAFARI Montage Live! Gateway and the following items from the box, and place them on a flat surface. If any items are missing, please call 1.800.843.4549.



Power Cord



Keys (2)

(Styles may vary)



Ethernet Cable



DV Dongle (2)

(VGA and DVI; Styles may vary)



Mounting Brackets (2) or  
Rails (2) (Mounting Brackets Shown)



Mounting Bracket  
Screws (8)

## Step 2

### Positioning the SAFARI Montage Live! H.323 Gateway

Install the gateway in a rack mount enclosure, using the supplied mounting brackets or rails and screws. There should be adequate airflow around the gateway, with temperatures not exceeding 95°F.

## Step 3

# Connecting the SAFARI Montage Live! H.323 Gateway

a. Using the image below as a guide, first connect the gateway to the network by plugging an Ethernet cable into any active Ethernet port on the network.

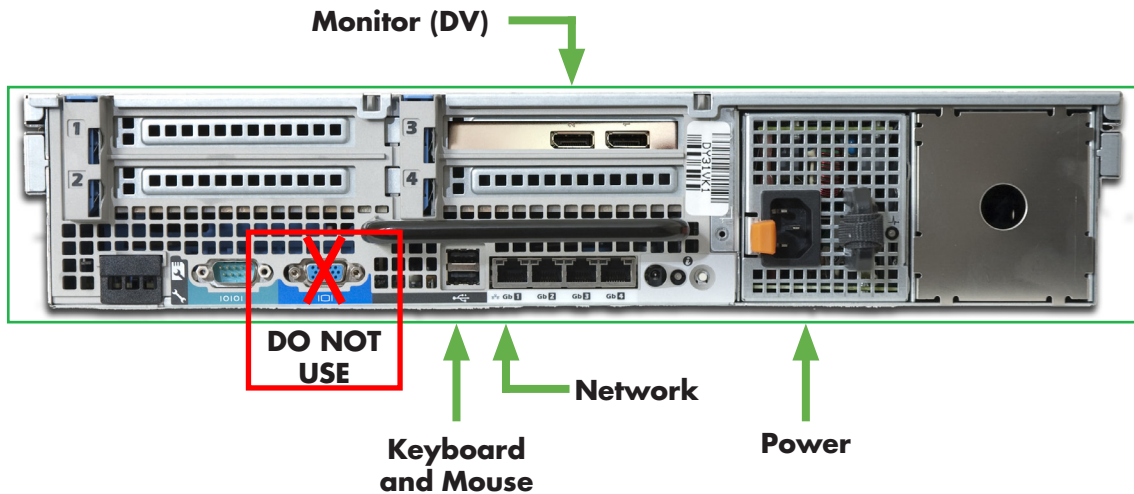
b. Connect a monitor, keyboard and mouse to the gateway.

**Note:** The monitor connection must be made via the DV connection, as labeled below and using the included DV dongle. Both VGA connections (front and rear) are disabled.

c. Connect the power cord from the back of the gateway into a grounded outlet. We highly recommend connecting it to an uninterruptible power supply (UPS).

**Note:** Please see the hardware warranty for terms related to the gateway's environmental conditions and electrical power.

## SAFARI Montage Live! H.323 Gateway

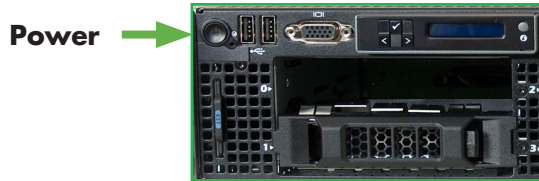


## Step 4

### Powering Up the SAFARI Montage Live! H.323 Gateway

Now that the cables have been connected, power up the gateway.

Remove the bezel from the front of the gateway by unlocking it with the key provided and press the power button located on the front of the gateway.



The gateway will boot into Microsoft® Windows Server® 2008. Once the boot sequence has completed, the Windows Server 2008 desktop will appear and administrators will be asked to enter the Microsoft product key and to activate the server.

**Note:** On the desktop, Administrators will see an open window labeled **httpd.exe**. This window must remain open at all times for normal operation; however, this window can be minimized.

## Step 5

### Networking the SAFARI Montage Live! H.323 Gateway

Configure the SAFARI Montage Live! H.323 Gateway in the same manner a Windows® appliance would be configured for the networking environment being used.

#### Required Network Ports

Below is a list of required network ports to be opened.

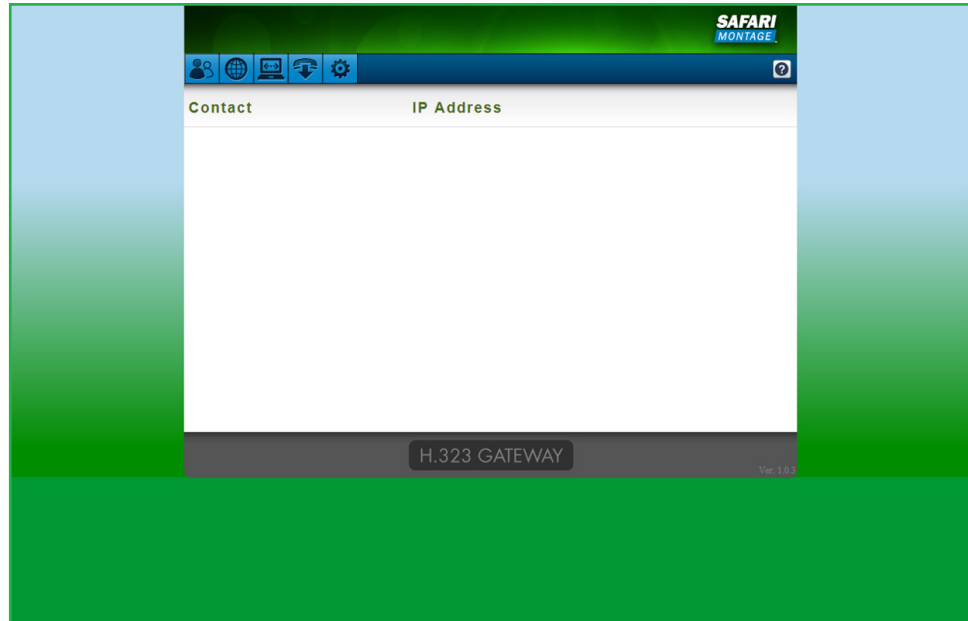
Port	Type	Application
1503	TCP	
1720	TCP	H323/Q.931
1731	TCP	

**Note:** Additional ports may be required for operation with traditional videoconferencing equipment. See Additional Port Settings under the Troubleshooting section of this guide.

## Step 6

# Accessing the SAFARI Montage Live! H.323 Gateway Interface

Launch a web browser from any workstation on your network, enter the URL or IP address of the SAFARI Montage Live! H.323 Gateway into the address bar and press "enter".



## Congratulations!

Basic installation and startup are complete.

For information on how to use the SAFARI Montage Live! H.323 Gateway, click on the Help icon (  ) located at the top right of the interface.

## Troubleshooting

If there are any difficulties with installation or further information is needed, please visit [www.SAFARIMontage.com/support](http://www.SAFARIMontage.com/support) or call a support representative at 800.782.7230. When calling, please have the gateway's serial number available. The gateway's serial number can be found on the back of the appliance.

Gateway Number: \_\_\_\_\_

Hostname/URL: \_\_\_\_\_

Date Installed: \_\_\_\_\_

### Additional Port Settings

In addition to the required ports listed on page 5, the following ports may need to be configured in order for the SAFARI Montage Live! H.323 Gateway to operate with traditional videoconferencing equipment.

<b>Port</b>	<b>Type</b>	<b>Application</b>	<b>Equipment</b>
2979	TCP/UDP	H.263 video streaming	Polycom
3230 – 3247	UDP	Audio and video	Polycom
3230 – 3247	UDP	RTCP	Polycom
11720	TCP/UDP	Alternative for call set-up (must be bidirectional)	Polycom
80	TCP	HTTPd	Tanberg
1719	UDP	H.323/RAS UDP	Tanberg
2326 – 2373	UDP	H.323/RTP	Tanberg
970 - 973	UDP	Streaming/RTP	Tanberg
974	UDP	SAP	Tanberg
5555 - 5587	TCP	H.323/H.245/Q.931	Tanberg

#### NOTICE:

The information in this installation guide is subject to change without notice. Library Video Company reserves the right to modify the design of its products and change the information in this installation guide.



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