

Figure 8. Rear Panel Connectors and LEDs

Rear I/O ports: layout follows 11G family look.

- o Active ID CMA Jack
- o System ID button
- o Bi-color system ID LED
- o (2) Gigabit NIC ports
- o (2) USB ports
- o Video
- o Serial port
- o RJ45 Connector on iDRAC6 Enterprise (optional)

Dialogic®

Requirements

To install the Dialogic® IP Media Server, you need the following:

- Phillips-head screwdriver for mounting the chassis to the rack
- Cables for the RJ45 NIC interfaces
- PC or laptop with a terminal emulation

Dialogic recommends that the systems be powered using a UPS system for greater reliability and protection from power fluctuations.

Overview

This Dialogic® IP Media Server *Quick Install Guide* is for qualified personnel who are responsible for installing the server.

The Dialogic® IP Media Server (hereafter referred to as the IP Media Server) is the industry's premier open, carrier-class IP media server. It leverages the simplicity and flexibility of SIP and VoiceXML to provide a cost-effective and scalable IP media server solution, powering a broad range of voice and video services for next generation wireline, wireless, and broadband networks.

Dialogic® IP Media Server software is available on an integrated platform to suit individual deployment requirements:

- Low-profile 1U rack-mount server
- One or two dual-core processor system
- Dual Ethernet ports
- Dual or single power supply systems

Dialogic® IP Media Server technology is based on the Dell R410 Server.

For additional technical information concerning the Intel chassis and server, see the Intel Technical Product Specification on the Intel web site:

<http://www.dell.com>.

Optional Components

The integrated Dialogic® IP Media Server is available with optional components.

A second redundant power supply is available as a factory-installed option.

Note that while your IP Media Server may have open disk drive bays, these must not be upgraded with field-installed drives.

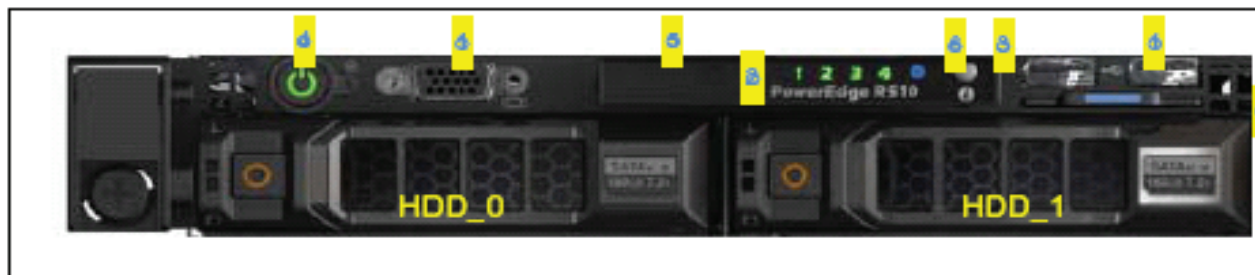


Figure 5. Front Panel Controller

- Front control panel: 11G control panel
 - o Front KVM (2x USB, 1x Video)
 - o Diagnostic indicator (quad-pack LED with cabled HDD configuration; 11G LCD with hot-swap HDD configuration)
 - o System ID button
 - o Power button
 - o HDD activity LED
 - o NMI button
 - o Asset Tag

Contact Information

Dialogic provides support for those customers who have purchased a support contract for the IP Media Server. If you purchased products from a reseller, please contact that reseller for technical support. Please use the following web site to contact Dialogic Technical Support:

www.dialogic.com/support/

1 - Check Package Contents

The IP Media Server package includes two boxes. Unpack them and verify that you have received the following items:

- Chassis
- Bezel
- AC Power Cord(s)
- Hardware Warranty
- Sliding rail kit and installation guide

2 - Rack Mount the Server

The IP Media Server comes with sliding rails and a set of fixed rails for mounting in rack-mount systems. The configuration of your racks may dictate which rails you are able to use. Refer to the installation instructions provided with the rails for more information.

You must also install the rack-mount handles that are included with the rails. The rack-mount handles hold the front bezel in place. The front bezel includes a lock and key set to prohibit access to the front panel buttons while allowing you to view the activity LEDs.

Continue to Step 3

Specifications

Processor	2xE5530 2.4GHz (Nehalem)
Hard Disk	146GB 15k SAS
Ethernet	Four-port 10/100/1000 Mb
Memory	6GB
Power	Single 480W Redundant 500W
Dimensions	Height 1.69", Width 17.09", Depth 26.69" (without ears, without bezel) (43 mm x 434 mm x 627.1 mm)
Temperature: Operating Non-operating	+50°F to +95°F (+10°C to +35°C) -40°F to +149°F (-40°C to +65°C)
Humidity, operating Non-operating	20% to 80% Max wet Bulb 29 C 5 to 95% Max wet Bulb 38 C

3 - Connect System Cables

Network

Cables connect at the rear of the chassis. There are two 1Gb Ethernet ports and a serial port connector. The standard Ethernet ports are labeled eth0 and eth1. Refer to the Dialogic® IP Media Server - Rear View drawing for the location of each connector.

Power

Note that one model of the IP Media Server has two power supplies, whereas the other model has a single power supply. If you have a single power supply model, plug the power cord into the *F- Front Power Supply* connector.

Serial Port

The serial port (RJ45 connector) is located to the left of the Ethernet ports. You can connect the serial port to a terminal server for alternative access to the system. The default setup for the serial connection is Rate: 9600 baud, Bits: 8, Parity: None, Stop Bits: 1, Flow Control: None.

4 - Apply Power

After connecting all cables, power on the IP Media Server by pressing the Power button on the front panel. Wait until the system is fully running, as indicated by the Front Panel LEDs, before configuring a management interface (described in step 6).

5 - Attach Front Bezel

After pressing the Power button to turn on the IP Media Server, you should snap the front bezel into place and use the enclosed keys to lock it. This prevents unauthorized access to the front panel buttons.

6 - Configure a Management Interface

The system is configured to run DHCP on the Ethernet interfaces (eth0, eth1). If you use DHCP to set the IP address of an interface and you know the IP address, then you can use the Web User Interface (Web UI) immediately.

If you do not know the IP address configured on the system or to set an IP address for the first time, access the system with a monitor and keyboard or over the serial port. Connect to the serial port using any standard terminal interface.







When a connection to the IP Media Server is established, the login prompt appears. The IP Media Server is delivered with a single administrator access level user defined in the system. The login prompt appears as follows:

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{hostname} login:
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Use "admin" as the user name to log into the serial port or through the console using the Web User Interface (Web UI).

6 - continued

Use the keyboard to navigate through the interface.

Navigation Key	Description
	Navigate through the fields in the display.
	
	Select an option.
	
	To apply, cancel or reboot.
	To access help.

Select the *Interface Configuration* command.

Specify an IP address for each interface, including eth0 and eth1.

To change the IP address of an interface:

- Select the interface to be configured.
- Tab to the IP address field.
- Enter an IP address.
- Enter a network mask.
- Make a note of the IP address and apply the change.

The next screen displayed is the original screen you saw when you logged in. Tab to the REBOOT option and press ENTER.

The IP Media Server reboots and the interface comes up with the specified addresses. All further configuration is done through the Web User Interface. The Web User Interface arrives configured to use HTTP. If HTTPS is preferred, you can install a security certificate and key on the system using the Web User Interface.

7 - Activate License

The IP Media Server must have its license activated in order to become fully functional. Refer to the *License Activation Guide* for information about activating your Dialogic® IP Media Server license.

8 - Configure and Administer

Refer to the Dialogic® *IP Media Server Installation and Operations Guide* for information about configuring and administering the IP Media Server.

Troubleshooting

The IP Media Server contains no user serviceable parts and is not intended for repair by unauthorized personnel.

If you experience problems with the IP Media Server chassis and need repair or warranty information, please contact Dialogic to acquire an RMA number. You may need to send the IP Media Server to Dialogic for servicing under the RMA number.