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# Technical Bulletin

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## Configuring the GDC SR-1000 IMB to use the Series 2 PIB Ethernet port

Setting up the GDC SR-1000 network configuration as directed in this document allows the PIB Ethernet port to access the SR-1000 web interface. This configuration frees the Ethernet 2 port on the SR-1000 to be used exclusively for the Media (Content) network.

The SR-1000 network configuration also allows control of projector automation (for example, douser, lamp, and so on) from the projector itself, and offers two options for password access.

### Affected products

- Christie CP2208
- Christie CP2208-LP
- Christie CP2210
- Christie CP2215
- Christie CP2220
- Christie CP2220U
- Christie CP2230
- Christie CP2230U
- Christie CP4220
- Christie CP4230
- Christie Solaria One
- Christie Solaria One+
- Christie CP42LH

### Prerequisites

To use the functionality offered by this network configuration, the GDC SR-1000 IMB must be running 17.0Build68 or later.

# Configuring the Management, Media, and NAS Networks

The screenshot shows a 'Network Configuration' window. Callout A points to the 'Subnet Mask' (255 . 255 . 255 . 0) and 'Gateway' (192 . 168 . 254 . 241) fields. Callout B points to the 'IMB Ethernet 2' IP address field (192 . 168 . 25 . 61). Callout C points to the 'IP Address' field (192 . 168 . 1 . 102) under the 'IMB Ethernet 1' section. The 'IMB Ethernet 1' checkbox is checked. Below the configuration fields are buttons for 'Check Network Access', 'Check IP Conflict', and 'Validate IPs'.

**Table 1: Network Configuration Callout Descriptions**

<b>A</b>	Internal Series 2 network	<b>B</b>	Media network	<b>C</b>	NAS network
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All three networks **must be on separate subnets** for this procedure to succeed. If you attempt to use the same subnet for multiple networks, the IMB does not know where to route the packets.



The TMS/LMS **must be on the same subnet** as the Media network (SR-1000 Ethernet 2 port). If the TMS/LMS and the Media network are not all on the Ethernet 2 port on the SR-1000, the IMB attempts to locate the TMS/LMS by following the gateway through the Series 2 backplane and out the PIB faceplate. The resulting ingests are very slow using this route, since that port uses only a 10-BaseT network.

1. Verify the SR-1000 version is 17.0Build68 or later.
2. Navigate through **Configuration > System > Network Configuration**.
3. Change the Internal Series 2 network settings to those shown by callout A above (subnet mask to 255.255.255.0 and gateway to 192.168.254.241).
4. Change the Media network setting shown on callout B above to a valid address on the Media network.
5. Change the NAS network setting to a valid address on the NAS network. If the Christie NAS defaults to 192.168.1.101, changing the IP Address to 192.168.1.102, as shown by callout C above, is a good choice.
6. At the top of page, press **Save** to apply the changes.

This network configuration frees the Ethernet 2 port on the SR-1000 for exclusive use by the Media (Content) network.

**Table 2: Network Configuration Results**

Management network	PIB Ethernet port
Media network	SR-1000 Ethernet 2
NAS network	SR-1000 Ethernet 1

## Setting up projector automation

To control automation (douser, lamp, and so on) from the projector, you must set a projector device on the SR-1000 to communicate to the internal IP address 192.168.254.242.

The screenshot shows a configuration form for a projector device. At the top left, it says 'Type: PROJECTOR' and at the top right, there is a checked checkbox labeled 'Enabled'. Below this, there are several input fields and buttons:
 

- Name:** A text box containing 'Projector' and a 'Rename' button.
- Model:** A dropdown menu with 'CHRISTIE' selected and another dropdown menu labeled 'Other'.
- IP Address:** A text box containing '192.168.254.242'.
- Port:** A text box containing '5000'.
- Login:** An empty text box.
- Password:** An empty text box.

1. Navigate to the **Automation > Device** page and select **+Create** from the left menu.
2. In the New Device pop-up, select **PROJECTOR** as the type.
3. In the Name field, type `Projector`.
4. From the Model list, select **CHRISTIE**.
5. In the IP Address field, type the IP address as shown in the sample screen above.
6. Set the Port field to `5000`.

## Login and password selection

For the projector automation setup, there are two options for login/password entry, depending upon the level of protection required at your site.

Do one of the following:

- Enter a known login/password, such as `service/service`.
- Leave the login and password fields blank, navigate through **Menu > Administrator Access > Communications Configuration**, and set Remote Access/Ethernet Access to **Free Access** as shown in the sample.

The screenshot shows a dialog box titled 'RS-232 Settings'. It contains three dropdown menus:
 

- Serial Speed (Baud):** Set to '115200'.
- Remote Access Serial Access:** Set to 'Login Required'.
- Ethernet Access:** Set to 'Free Access'.

## Technical support

Technical support for Christie products is available at:

- North and South America: +1-800-221-8025 or *Support.Americas@christiedigital.com*
- Europe, Middle East, and Africa: +44 (0) 1189 778111 or *Support.EMEA@christiedigital.com*
- Asia Pacific: +65 6877-8737 or *Support.APAC@christiedigital.com*
- Christie Managed Services: +1-800-550-3061 or *NOC@christiedigital.com*