Technical Bulletin

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 for control of projector automation (for example, douser, lamp) from the projector itself, and offers two options for password access.

Affected products

The following products are affected:

- 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

Configuring the management, media, and NAS networks

Change the network settings to ensure all components can communicate with each other.

		A					
Network Configuration	/						
IMB Ethernet 2: 192 . 168	. 1 . 12	Gate	way: 19	92 . 168 . 254 . 241			
Subnet Mask: 255.255	. 255 . 0	Server Conter	nt IP: IM	B Ethernet 2 💙			
IP Address: 10 . 10	. 10 . 102	Subnet N	lask: 25	55.255.255.0			
Check Network Access Check IP Cont	flict				Validate IPs		
		C					
Internal Series 2 network	В	Media network		C	NAS network		
 All three networks must be on separate subnets. 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, as that port uses only a 10-BaseT network. Verify the SR-1000 version is 17.0 Build 68 or later. 							
Navigate to Configuration	n > Syste	em > Network Con	figur	ation.			
. Change the Internal Series 2 network settings as follows (A):							
• Subnet mask: 255.255	5.255.0						
• Gateway: 192.168.254	1.241						
Change the media network	setting	to a valid address on	the r	nedia netwo	ork (B).		
Change the NAS network s If the NAS defaults to 192. choice.	etting to 168.1.10	a valid address on t 1, changing the IP A	he NA Addres	S network. ss to 10.10.	10.102 (C),	is a good	
At the top of page, press S This network configuration media (content) network.	ave to a frees the	pply the changes. Ethernet 2 port on	the S	R-1000 for (exclusive us	e by the	
Management network		PIB Ethe	ernet p	ort			
	Network Configuration IMB Ethernet 2: 192.168 Subnet Mask: 255.255 IMB Ethernet 1 IP Address: IP Address: 10.10 Check Network Access Check IP Con Internal Series 2 network All three networks must be on the TMS/LMS must be on the TMS/LMS and the media net locate the TMS/LMS by follo The resulting ingests are vere Verify the SR-1000 version Navigate to Configuration Change the Internal Series Subnet mask: 255.255 Gateway: 192.168.254 Change the MAS network silf the NAS defaults to 192. choice. At the top of page, press S This network configuration media (content) network.	Network Configuration IMB Ethernet 2: 192.168.1 12 Subnet Mask: 255.255.255.0 IMB Ethernet 1 IP Address: 10 10 102 Check Network Access Check IP Conflict 0 102 102 Check Network Access Check IP Conflict 0 0 102 103 102 103 102 103 102 <th>Network Configuration INB Ethernet 2: 12: Subnet Mask: 255: 255: 255: 0: 10: 10: 10: <t< th=""><th>Network Configuration INB Ethernet 2: 192 168.1 11 Subnet Mask: 255 255 0 Server Content IP: Image: Internal Series 2 network B Media network All three networks must be on separate subnets. If you attempt to networks, the IMB does not know where to route the packets. The TMS/LMS must be on the same subnet as the media network (TMS/LMS and the media network are not all on the Ethernet 2 port locate the TMS/LMS by following the gateway through the Series 2 The resulting ingests are very slow using this route, as that port us Verify the SR-1000 version is 17.0 Build 68 or later. Navigate to Configuration > System > Network Configur Change the Internal Series 2 network settings as follows (A): • Subnet mask: 255.255.255.0 • Gateway: 192.168.254.241 Change the media network setting to a valid address on the NA If the NAS defaults to 192.168.1.101, changing the IP Address choice. At the top of page, press Save to apply the changes. This network configuration frees the Ethernet 2 port on the S media (content) network. PIB Ethernet p</th><th>Network Configuration INB Ethernet 2: 192:168:256:256 Image: Index in the image: Index in the image: Index i</th><th>Network Configuration Internal Series 2 network B Media network C Internal Series 2 network B Media network C Internal Series 2 network B Media network C NAS network All three networks must be on separate subnets. If you attempt to use the same subnet for metworks, 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). 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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, set a projector device on the SR-1000 to communicate to the internal IP address 192.168.254.242.

Type: I	PROJECTOR		Enabled
Name:	Projector	Rename	
Model:		Other 🗸	
IP Address:	192. 168. 254.242]	
Port:	5000]	
Login:]	
Password:]	

- 1. Navigate to Automation > Device and select +Create.
- 2. 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 above.
- 6. Set the Port field to 5000.

Logging into the projector automation setup

For the projector automation setup, there are two options for logging in, depending upon the level of protection required at your site.

Do one of the following:

- Enter a known login/password, such as service/service.
- Leaving 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.

RS-232 Settings	
Serial Speed (Baud):	
115200	y
Remote Access Serial Access:	
Login Required	y
Ethernet Access:	
Free Access	y

Technical support

Technical support for Christie Cinema products is available at:

Support.cinema@christiedigital.com



- +1-877-334-4267
- Christie Professional Services: +1-800-550-3061 or NOC@christiedigital.com