

# Christie 3DLP option cards

Video option cards allow a device to send graphical information to a projector. This document provides information on the supported option cards for Christie 3DLP projectors and how to install the cards.



The illustration in this document is for representation only and may not depict your projector model exactly.

## Option cards

Up to seven option cards are supported for the Christie 3DLP projectors.

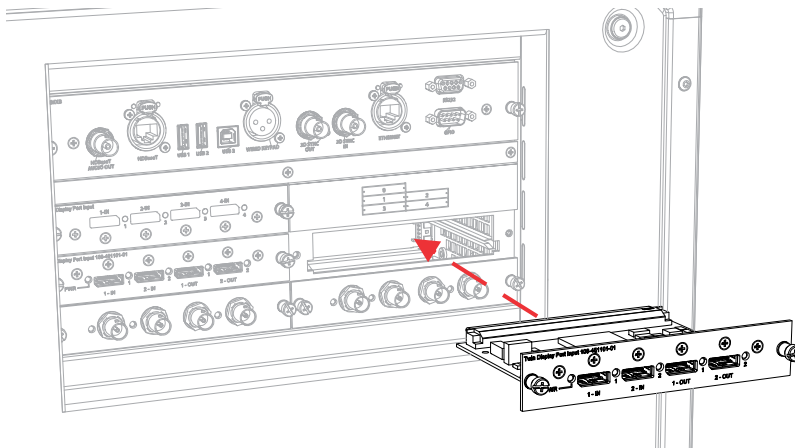
Option card	Description	Interface	Applies to	Supported slots
<b>Core3 option cards</b>				
Dual 3G SD/HD-SDI input card (3GIC) (108-313101-XX)	Accepts digital video data from HD and 3G-SDI (serial digital interface) sources.	HD and 3G-SDI	Boxer 4K, Boxer 30, D4K40-RGB, Mirage 304K, Mirage 4K40-RGB, Mirage SST, Roadie 4K40-RGB	1 to 4
			Boxer 2K, Crimson models	1 and 2 (bottom rails)
Dual Link DVI input card (DDIC) (108-312101-XX)	Accepts digital video source from DVI sources. It does not support incoming analog signals.	DVI-D	Boxer 4K, Boxer 30, D4K40-RGB, Mirage 304K, Mirage 4K40-RGB, Mirage SST, Roadie 4K40-RGB	1 to 4
			Boxer 2K, Crimson models	1 and 2 (bottom rails)
Twin DisplayPort input card (TDPIC) (108-451101-XX)	Accepts digital video data from one or two DisplayPort sources. This card has two DisplayPort outputs to enable loop-through for its respective input.	DisplayPort 1.1a	Boxer 4K, Boxer 30, D4K40-RGB, Mirage 304K, Mirage 4K40-RGB, Mirage SST, Roadie 4K40-RGB	1 to 4
			Boxer 2K, Crimson models	1 and 2 (bottom rails)
Twin HDMI input card (THIC) (108-311101-XX)	Accepts two HDMI inputs and provides 12-bit deep color handling on the input. Advanced loop-through allows any input on any input card to be looped through to	HDMI 1.4a	Boxer 4K, Boxer 30, D4K40-RGB, Mirage 304K, Mirage 4K40-RGB, Mirage SST, Roadie 4K40-RGB	1 to 4

Option card	Description	Interface	Applies to	Supported slots
	the two HDMI outputs on the card.			
<b>Core4 option cards</b>				
High Bandwidth Multi-input card (HBMIC) (144-116109-XX)	Accepts digital video data from QSFP+, DisplayPort, HDMI, and various SDI sources and allows for 4K 60 Hz over a single cable.	DisplayPort 1.2, HDMI 2.0, SDI (HD, 3G, 6G, 12G), QSFP+ input (Christie Link)	Boxer 4K, Boxer 30, D4K40-RGB, Mirage 304K, Mirage 4K40-RGB, Mirage SST, Roadie 4K40-RGB	0
			Boxer 2K, Crimson models	1 and 2 (top rails)
Quad Display Port input card (QDPIC) (144-114107-XX)	Accepts digital video data from DisplayPort sources. Inputs can be used individually, in pairs, or in quads to accept a wide array of resolutions and frame rate.	DisplayPort 1.2	Boxer 4K, Boxer 30, D4K40-RGB, Mirage 304K, Mirage 4K40-RGB, Mirage SST, Roadie 4K40-RGB	0
			Boxer 2K	1 and 2 (top rails)
Terra SDVoE input card (TSIC) (144-132107-XX)	Accepts digital video data (video, audio, and control) from a Christie Terra Transmitter over a 10G Ethernet.	SFP+ and Audio Out	Boxer 4K, Boxer 30, D4K40-RGB, Mirage 304K, Mirage 4K40-RGB, Mirage SST, Roadie 4K40-RGB	0
			Boxer 2K, Crimson models	1 and 2 (top rails)

## Installing an option card

Learn how to install an option card in the projector.

1. Loosen the two screws securing the blanking plate and remove it.
2. Slide the option card into the supported slot in the card cage.  
For Boxer 2K and Crimson models, slide the Core4 option cards onto the top rails and the Core3 option cards onto the bottom rails of the slot.



3. Tighten the two captive screws to secure the option card.

## Frequently asked questions

Review these frequently asked questions about 3DLP option cards.

### How many option cards can be installed in the projector?

Only one TSIC option card can be installed in a projector. For all other option cards, multiple cards can be installed.

### How is the firmware updated on the option cards?

Updates for the option cards are included as part of main software upgrades for the projector.

### How does the projector handle power to the card when it enters standby mode?

When the projector is in standby mode, the TSIC option card can continue to accept control commands but does not accept video input. To enable the TSIC option card to accept control commands, select **MENU > System Systems > Power Settings > Keep Electronics On In Standby**.

All other option cards are also placed in standby mode and do not accept video input.

### Are the option cards plug-and-play?

All option cards are plug-and-play. For the TSIC card, additional configuration changes can be made, such as defining the IP address. For more details, refer to the Terra documentation on the Christie website (<https://www.christiedigital.com/en-us/business/products/image-processor/christie-terra>).

### How does control pass through the 10G port?

The TSIC option card directly connects the projector to a Christie Terra SDVoE system over 10G Ethernet accessing video, audio and control. To control the projector through the 10G Ethernet port, send serial commands or access the web user interface.

If the projector and the SDVoE (10G) are on different local area networks, projector communication through the 10G network only works through the Alias IP address. To find the Alias IP address, from the user interface on the projector, navigate to **MENU > Status > Signal > TSIC Connection**.

## Technical support

Technical support for Christie products is available at:

- North and South America: +1-800-221-8025 or [Support.Americas@christiedigital.com](mailto:Support.Americas@christiedigital.com)
- Europe, Middle East, and Africa: +44 (0) 1189 778111 or [Support.EMEA@christiedigital.com](mailto:Support.EMEA@christiedigital.com)
- Asia Pacific: +65 6877-8737 or [Support.APAC@christiedigital.com](mailto:Support.APAC@christiedigital.com)