

Christie Link transmitter



Simplify your setup, increase system reliability and go further with Christie Link. Now you can easily send high-bandwidth signals (up to 4K 120Hz) over long distances (up to 6.2 miles / 10 km) directly into the projector on a single-fiber cable without latency or compression.

Specifications

Output – Single- or multi-mode fiber types

Designed to work with any QSFP+ module, Christie Link can use the following optical fibers:

- Single-mode - 1310nm, or
- Multi-mode - 850nm, usually referred to as OM3 or OM4*

*Note: Christie doesn't carry fiber cables

QSFP+ modules should be marked with the light wavelength, so you can determine which fiber type to use.

While you can use any QSFP+ module, Christie offers a pair of QSFP+ modules that have been tested by our engineers to match Christie Link transmitter performance, helping ensure both quality and reliability.

Christie Link transmitters:

- Are designed to work perfectly with Christie Boxer projectors. The ability to manage EDIDs throughout the entire system helps ensure reliable performance.
- Simplify installation by eliminating a potential point of failure and not requiring a converter at the projector end.
- Allow each transmitter to be networked so you can configure and monitor the system's status without having to physically reach the device, and view both the projector it's connected to and the status of that connection.

The following single-link fiber cable is compatible with our QSFP+ modules:

Fiber type	Connector 1 & 2	Fiber mode	Maximum distance
Single-mode, duplex, 1310nm	Type LC (blue color), polish UPC	9/125 μm	6.2 miles / 10 km

Inputs

Connections

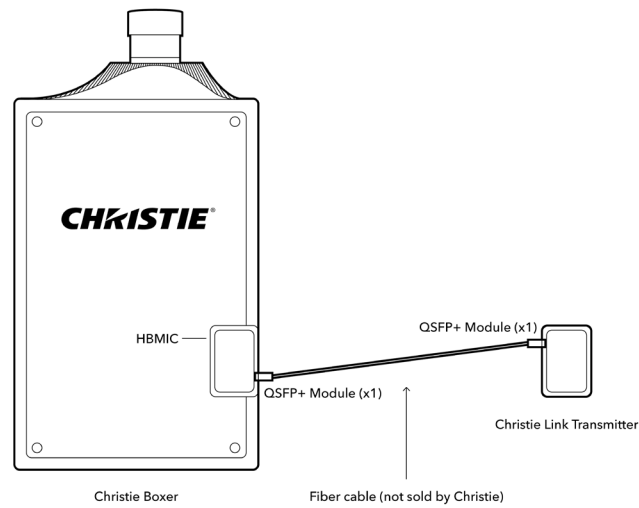
- 2 x DisplayPort 1.2 inputs - Supports HDCP 1.4
- 2 x HDMI 2.0 inputs - Supports both HDCP 1.4 and HDCP 2.2

Configurations

- 1-port, 2-port, dual input 3D

	Format	Frame rate (Hz)	Color sampling	Bit-depth	Notes
DisplayPort	(DP1.2)				Supports HDCP 1.4
4K	3840 x 2160	24 25 30 50 60	RGB/4:4:4	8/10bpc	
	4096 x 2160				
HD	1280 x 720	24 25 30 50 60	RGB/4:4:4	8/10/12bpc	
	1920 x 1080				
	2048 x 1080				

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Inputs *(continued)*

	Format	Frame rate (Hz)					Color sampling	Bit-depth	Notes	
HDMI	(HDMI 2.0)								Supports HDCP 1.4 & 2.2	
4K	3840 x 2160	24	25	30			RGB/4:4:4/4:2:2	8/10/12bpc	4:2:2 12-bit only	
				50	60			RGB/4:4:4	8bpc	
				50	60			RGB 4:2:2/4:2:0	8/10/12bpc	4:2:2 12-bit only
	4096 x 2160	24	25	30			RGB/4:4:4/4:2:2	8/10/12bpc	4:2:2 12-bit only	
				50	60			RGB/4:4:4	8bpc	
				50	60			RGB 4:2:2/4:2:0	8/10/12bpc	4:2:2 12-bit only
HD	1280 x 720	24	25	30	50	60	RGB/4:4:4/4:2:2	8/10/12bpc		
	1920 x 1080i			50	60					
	1920 x 1080	24	25	30	50	60				
	2048 x 1080	24	25	30	50	60				

Communications

- RJ-45
- 10/100/1000 Ethernet connection for web, SNMP and serial API
- Supports DHCP
- USB Type A - upgrades and diagnostic file retrieval
- Built-in keypad
- Panel display screen

Physical specifications

- Size (L x W x H): 285.5mm x 220.2mm x 42.8mm
- Weight: 1.5kg

Power requirements

- Voltage: 100-240 VAC
- Current: 1.0 A
- Line frequency: 50/60Hz
- Christie Link module connector type: IEC60320-1 C14

Operating environment

- Ambient operating temperature: 5 to 35°C (41 to 95°F) up to 1500 feet
- Humidity (non-condensing): 10 to 80%
- Operating altitude: 10,000 feet maximum at 5 to 25°C ambient

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