

# DSCV2-70-TX-US Specifications

Technical	
Input/Output Port	2 x HDMI IN, 1 x USB-C, 1 x AUDIO IN (Unbalanced stereo 3.5mm), 1 x USB HOST, 1 x HDBT OUT, 1 x RS232 (5-Pin 3.5mm Phoenix connector), 1 x UPDATE (Micro USB)
Input Video Signal	HDMI (4K@60Hz YUV 4:2:0, HDCP 2.2), USB-C DP Alt mode
Output Video Signal	HDBT 2.0
Input/Output Resolution Supported	<p><b>HDMI:</b>  VESA:  800x600<sup>8</sup>, 1024x768<sup>8</sup>, 1280x720<sup>8</sup>, 1280x768<sup>8</sup>,  1280x800<sup>8</sup>, 1280x960<sup>8</sup>, 1280x1024<sup>8</sup>, 1360x768<sup>8</sup>,  1366x768<sup>8</sup>, 1440x900<sup>8</sup>, 1600x900<sup>8</sup>, 1600x1200<sup>8</sup>,  1680x1050<sup>8</sup>, 1920x1080<sup>8</sup>, 1920x1200<sup>8</sup>, 2560x1440<sup>8</sup>, 2560x1600<sup>8</sup></p> <p>SMPTE:  3840x2160P<sub>2,5,8</sub>(YUV4:2:0), 4096x2160P<sub>2,5,8</sub>(YUV4:2:0)</p> <p><b>USB-C:</b> Same as above  1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = 60 Hz</p>
Audio Format	<p><b>HDMI/USB-C:</b> Fully supports audio formats in HDMI 2.0 specification, including PCM 2.0/5.1/7.1, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X</p> <p><b>AUDIO IN:</b> Stereo</p>
Maximum Pixel Clock	340MHz
Maximum Data Rate	10.2Gbps
Control Method	Auto Switching, Front panel buttons, API commands

General	
Operating Temperature	0°C to 45°C (32°F to 113°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)

Humidity	10% to 90%, non-condensing
ESD Protection	Human-body Model: ±8kV (Air-gap discharge)/ ±4kV (Contact discharge)

Power Supply	PoH, powered by connected receiver with PSE module; or local power supply through the 12V phoenix connector
Power Consumption (Max)	7.8W
Device Dimension (WxHxD)	89mm x 38.4mm x 105.6mm/3.5" x 1.51" x 4.16"
Product Weight	0.3kg/0.66lbs

### Transmission Distance

**Note:** T568B straight-through Category cable is recommended.

Cable Type	Range	Supported Video
Cat 5e/6	60m/197ft	1080P@60 36bpp
Cat 6a/7	70m/230ft	
Cat 5e/6	35m/115ft	4K@30Hz 4:4:4 24bpp 4K@60 4:2:0 24bpp
Cat 6a/7	40m/131ft	