

DSCV1-70-TX Specifications

| Technical | |
|--------------------------------------|--|
| Input/Output Port | 1 x HDMI IN, 1 x HDBT OUT, 1 x RS232, 1 x USB HOST, 1 x DIP Switch, 1 x DC 12V IN (2-Pin Phoenix Connector) |
| Input/Output Resolution Supported | <p>VESA: 800x600⁸, 1024x768⁸, 1024x768⁸, 1280x768⁸, 1280x800⁸, 1280x960⁸, 1280x1024⁸, 1360x768⁸, 1366x768⁸, 1400x1050⁸, 1440x900⁸, 1600x900⁸, 1600x1200⁸, 1680x1050⁸, 1920x1200⁸</p> <p>SMPTE: 1280x720P^{1,2,3,4,5,6,7,8}, 1920x1080I^{6,8}, 1920x1080P^{1,2,3,4,5,6,7,8}, 3840x2160^{2,3,5,6,8}, 4096x2160^{2,3,5,6,8}</p> <p>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 = at 60 Hz</p> <p>NOTE: 4096x2160/3840x2160@50Hz/60Hz is based on chroma sub-sampling 4:2:0 8-bit only</p> |
| Input/Output Audio formats Supported | <p>HDMI: Supports multi-channel audio formats, including PCM 2.0/5.1/7.1, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X</p> <p>AUDIO OUT: Stereo</p> |
| Maximum Data Rate | 10.2Gbps |
| Maximum Pixel Clock | 340MHz |

| 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 | DC 12V 2A, with PoH function, the transmitter can be powered by the receiver with PSE module |
| Power Consumption (Max) | 13.44W |
| Device Dimension (W x H x D) | 45mm x 45.3mm x 105.6mm/ 1.77" x 1.78" x 4.16" |
| Product Weight | 0.16kg/0.35lb |

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 | |