JS−500TXC

Overview

JS-500TXC is a HDMI twisted pair extender, that transmit HDM signal up to 150m(4K@30Hz) or 90m(4K@60Hz) over one CAT6 cable. It's not only transmits high definition signal, but also supports HDCP and CEC functions. JS-500RXC can increases its transmission distance prefectly on a low-cost network solution for high-resolution digital signals with extremely high image clarity.

JS-500TXC can directly connect matrix with HDBaseT function/display devices, or match with JS-500RXC convert HDMI signal to connect matrix/display devices with HDBaseT function.

Product Features

- Supports HDMI 2.0 version; HDCP 2.2 version;
- Supports 18Gbps video bandwidth;
- Video resolution transmisson up to 4K2K@60Hz (4:4:4) 90m; 4K2K@30Hz (4:4:4) 150m;
- Supports 7.1 channel HD video;
- HDBaseT compliant;
- Supports PoC function, turn on/off PoC function through dial switch;
- Supports USB 2.0 signal transmission;
- Uncompressed HDMI signal output function.

Main Specification

Configuration	HDMI compatible: HDMI 2.0
	HDCP compatible: HDCP 2.2
	Bandwidth: HDMI: 18Gbps
	HDMI video resolution: up to 4K2K@60Hz 4:4:4
	Color space: RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
	Bit depth: 8/10/12bit
	HDMI audio format: LPCM 7.1CH, Dolby True HD and DTS-HD Master(full format)
	Analog Audio embedding: 48KHz
	Transmisson distance: LRM- long distance type: 150m; STD-HBT type: 100m
	ESD protection: mannequin: ±8kV (air discharge), ±4kV (contact discharge)
Connection	Input: 1 x HDMI IN [Type A, 19-pin female]
	1 x AUDIO IN [3pin-3.81mm Phoenix termianl]
	Output: 1 x HDMI OUT [Type A, 19-pin female]
	1 x HDBaseT OUT [RJ45]
	Control: 1 x TO PC [USB Type B]
	1 x RS-232 [3pin-3.81mm Phoenix termianl]
	1 x IR IN
	1 x IR OUT
	1 x SERVICE [Micro USB]
Environmental	Standard: HDMI 2.0 version HDCP 2.2 version
	Transmission distance: 90m (4K@60Hz signal) 150m (4K@30Hz 1080P signal)
	Power: 24V/1A support double-sided PoC power supply
	Power: ≤ 20W
	Operating temperature: -10° C ~ +55° C
	Humidity: 20% ~ 95%RH (Non-condensing)
Dimension	157.2(length)* 88(width)* 20(height) unit: mm