

# JS-500RXC



## Overview

JS-500RXC 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 increase its transmission distance perfectly on a low-cost network solution for high-resolution digital signals with extremely high image clarity.

## Product Features

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

## Main Specification

|               |                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Video         | Input: 1* HDBaseT 1* IR<br>Output: 1* HDMI, 1* De-embedding Audio, 1* RS-232, 1* IR<br>Output connector type: RJ45 (HDBaseT signal) 3P terminal(De-embedding Audio signal/RS-232)<br>Transmission protocol: HDBaseT compliant<br>Bandwidth: HDMI:18Gbps<br>HDMI video resolution: up to 4K2K@60Hz 4:4:4<br>Color space: RGB 4:4:4, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0<br>Bit depth: 8/10/12bit |
| Audio         | HDMI audio format: LPCM 7.1CH, Dolby True HD, and DTS-HD Master(full format)<br>Analog Audio embedding: 48KHz                                                                                                                                                                                                                                                                                     |
| Environmental | Standard: HDMI 2.0 version HDCP 2.2 version<br>Transmission distance: 90m (4K@60Hz signal) 150m (4K@30Hz 1080P signal)<br>Power: 24V/1A support double-sided PoC power supply<br>Power: ≤ 20W<br>Operating temperature: -10° C ~ +55° C<br>Humidity: 20% ~ 95%RH (Non-condensing)                                                                                                                 |
| Dimension     | 157.2(length)* 88(width)* 20(height) unit: mm                                                                                                                                                                                                                                                                                                                                                     |