

## HDMI LKV371



HDMI Extender over CAT6 120m

Manufacturer: [MPSAT](#)

### Description

This HDMI Extender is a solution for transmission and extension uncompressed full HD 1080p@60Hz HDMI signal over a signal CAT5/5e/6 network cable. It includes a transmitter unit (TX) and a receiver unit(RX), working as a pair. Long transmission distance is up to 120 meters with zero latency. This HDMI Extender support IR passback for remote control source device from receiver site easily.This product is perfect for AV transmission in applications of HD conference system, HD video shooting, HD multimedia education system, HD digital advertising and signage.

1. Plug and play, without installation
2. Uncompressed and zero latency
3. Support resolution is up to full HD 1080p@60Hz>
4. Compliant with CAT5/5e/6 for long distance transmission
5. Include a transmitter unit (TX) and a receiver unit (RX), working as a pair
6. Support IR passback for remote control source device to receiver site easily
7. Transmission distance up to 120m via CAT6 cable, 100m via CAT5E cable, 80m via CAT5 cable

| Items             | Specification               |
|-------------------|-----------------------------|
| Voltage/Current   | DC5V/1A                     |
| Power consumption | TX: 2W    RX: ?2W           |
| HDMI compliance   | HDMI1.3                     |
| HDCP compliance   | HDCP1.4                     |
| HDMI resolution   | 720x576@50Hz, 720x480@60Hz, |

|  |  |
|--|--|
|  | 1280x720@60Hz, 1920x1080@60Hz,<br>640x480@60Hz, 800x600@60Hz,<br>1024x768@60Hz, 1280x800@60Hz,<br>1280x1024@60Hz, 1440x900@60Hz,<br>1680x1050@60Hz |
| Supports audio formats                           | PCM  |
| Maximum transfer rate                            | 10.2Gbps   |
| Input and output TMDS signal                     | 0.5?1.5Vp-p(TMDS)  |
| Input and output DDC signal                      | 5Vp-p(TTL)   |
| Input cable length                               | ?8m(AWG24)   |
| Output cable length                              | ?8m(AWG24)   |
| Transmission length                              | CAT5: 80m<br><br>CAT5E: 100m<br><br>CAT6: 120m   |
| Electrostatic protection<br>of the whole machine | 1a contact discharge level 3, 1b air discharge level 3, implementation of<br>the<br>standard: IEC61000-4-2   |
| Working temperature                              | 0?60?  |
| Storage temperature                              | -10?70?  |
| Humidity (no condensation)                       | 0?90%  |
| Dimension  | 69.57(L) x 58.80(W) x 16.10(H)mm   |
| Material   | Aluminium alloy material + crystal panel   |
| Treatment process                                | Grit blast   |
| Color  | Black  |
| Weight   | TX:70g, RX:70g   |