TL-HS12 4K30Hz HDMI SPLITTER WITH EXTENDER

Translite Global's TL-HS12 is a 1-input, 2-output splitter extender kit that can distribute one HDMI source to two identical displays over network cables simultaneously. It supports 4K@30Hz signals with a transmission distance of up to 40 meters and can transmit 1080p@60Hz signals up to 70 meters over a CAT6/6A/7 network cable. It also supports bi-directional IR passthrough, HDR10 and 3.5mm L/R audio output functions.
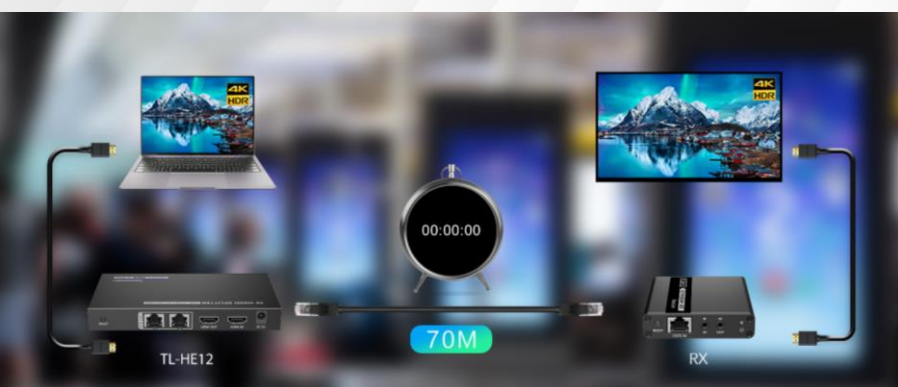
4K@30Hz HDR Quality
Visually lossless transmission

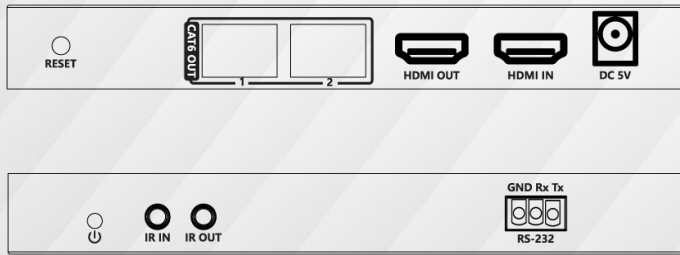### Lightning, Surge & ESD Protection
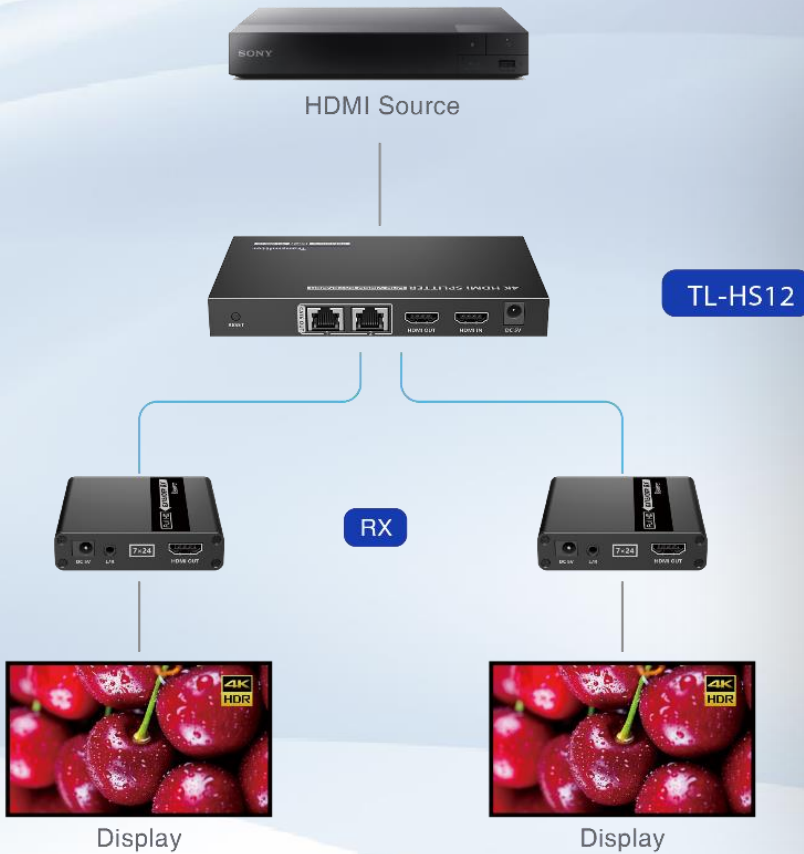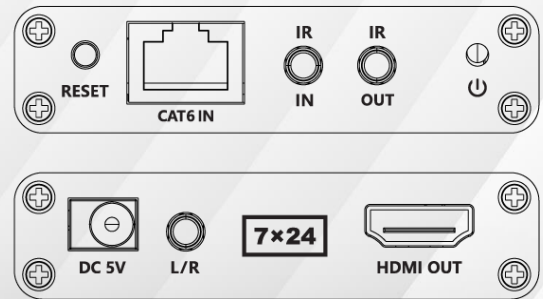**Secured and reliable signal transmission**

Zero Latency Transmission

Supports CAT6/6A/7 network cable and the maximum transmission distance can reach up to 70 meters for 1080p@60Hz signals & 40 meters for 4K@30Hz signals with outstanding picture quality and details

Transmitter

RESET | CAT6 OUT 1 2 | HDMI OUT | HDMI IN | DC 5V

IR IN | IR OUT | GND Rx Tx | RS-232

Receiver

RESET | CAT6 IN | IR IN | IR OUT

DC 5V | L/R | 7×24 | HDMI OUT

HDMI Source

TL-HS12

RX

Display

Display

CONNECTION INSTRUCTIONS

- Connect the source device to the HDMI IN port of the transmitter with a HDMI cable and connect the HDMI OUT port of the receiver to the display device with another HDMI cable.
- Use a CAT6/6A/7 cable to connect the RJ45 port of the transmitter and receiver.
- If using HDMI loop out, connect the display device to the HDMI OUT port of the transmitter.
- IF using IR passthrough, the IR blaster extension cable should plug in to the IR OUT port, the IR receiver extension cable should plug in to the IR IN port.
- To output audio additionally, connect the speaker to the L/R port of the receiver with a 3.5mm stereo audio cable.
- Plug the power supply into the devices to get started.
- Note that the emitter of the IR blaster extension cable should be as close as possible to the IR receiving window of the source device.

APPLICATIONS

Conference Room

Outdoor Advertising

TV Market

Shopping Mall

Monitor System

Family Sharing

SPECIFICATIONS

Technical		
Parameters	**Transmitter**	**Receiver**
HDMI compliance	HDMI 1.4	
HDCP compliance	HDCP 1.4	
Transmission medium	Network cable CAT6/6A/7	
Transmission distance	1080p@60Hz ≤ 70 meters, 4K@30Hz ≤ 40 meters	
Video bandwidth	10.2Gbps	
Video support	800x600, 1024x768, 1280x720, 1280x960, 1366x768, 1440x900, 1680x1050, 1920x1080, 480i@60Hz, 480p@60Hz, 576i@50Hz, 576p@50Hz, 720p@50/60Hz, 1080i@50/60Hz, 1080p@24/25/30/50/60Hz, 4K@24/25/30Hz	
Audio support	PCM, LPCM, DTS-HD, DTS-Audio	
Input TMDS signal	0.7~1.2Vp-p	
Input DDC signal	5Vp-p	
RS232 support	3Pin: GND-RxD-TxD, follows RS-232 levels Default baud rate: 9600	
HDR10	Supported	
HDMI Loop-out	Supported	
IR pass-back	Bi-directional IR passback (20-60khz)	
IR frequency range (KHz)	20-60Khz	
Input	HDMI×1, DC2.1×1, 3.5mm jack (IR)×1	DC2.1×1, RJ45×1, 3.5mm jack (IR) ×1
Output	HDMI×1, RJ45 ×2, 3.5mm jack (IR) x1	HDMI×1, 3.5mm jack (IR) ×1, 3.5mm jack (Audio) ×1
Protection	Lightning, ESD and Surge protection	
HDMI connector	Type A 19 Pins, Female	

Mechanical		
Parameter	**Transmitter**	**Receiver**
Housing	Iron	Aluminium alloy material + crystal panel
Dimensions (L×W×H mm)	151.5(L) x 86.5(W) x 19.0(H)mm	75.0(L) x 80.0(W) x 18.0(H)mm
Net weight	280g	160gx2
Power supply	5V/1A	5V/500mA
Power consumption	<7.5W	<2.5W