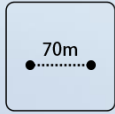




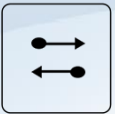
Zero Latency



70 Meters



4K@30Hz HDR



IR Pass-back



EDID Passthrough



Lightning, Surge & ESD Protection

TL-HE279 POINT TO POINT EXTENDER

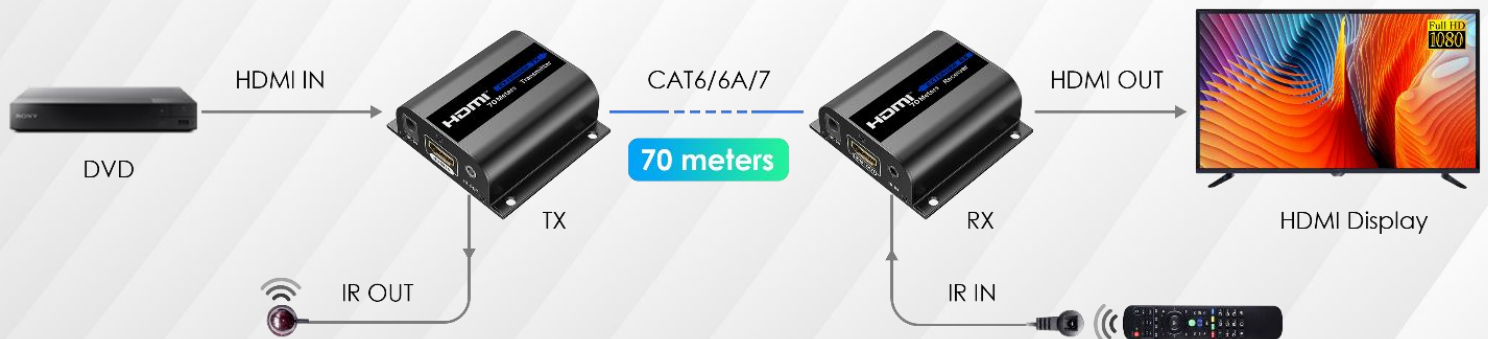
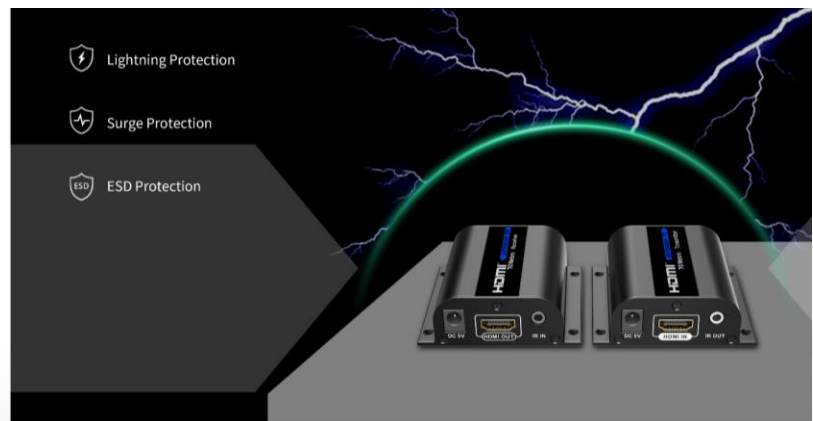
Translite Global's TL-HE279 is a point-to-point HDMI extender that includes a transmitter unit and a receiver unit and allows the HDMI signal to be transmitted up to 70 meters at 1080p resolution or 40 meters at 4K@30Hz resolution using CAT6/6A/7 network cable. It adopts a point-to-point connection configuration and supports IR pass-back function (20-60KHz), HDR10 and EDID passthrough.

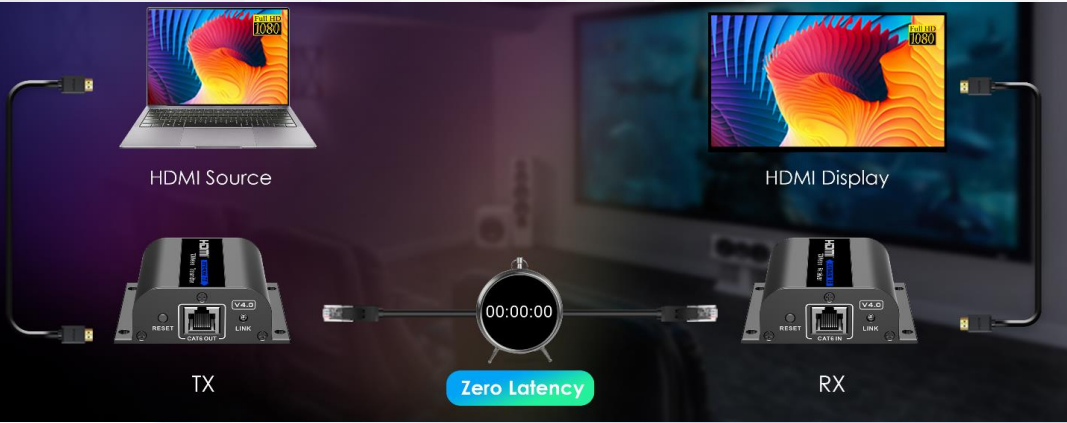
4K@30Hz HDR & 1080p@60Hz FHD Quality

Rich color reproduction, vivid & detailed pictures

Lightning, Surge & ESD Protection

Secured and reliable signal transmission





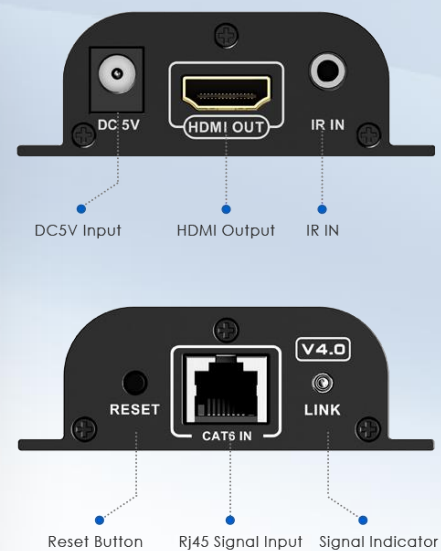
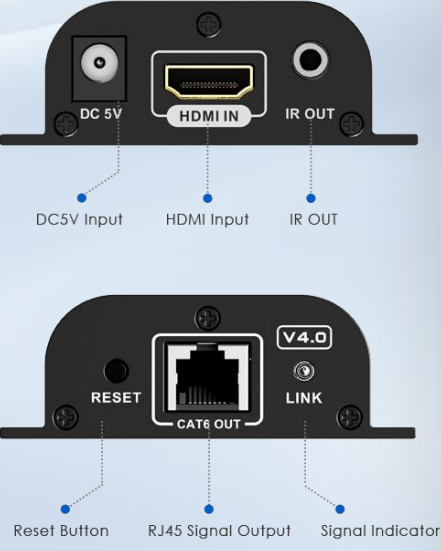
Zero Latency Transmission
Supports CAT6/6A/7 network cable & the maximum transmission distance can reach up to 70 meters with smart adaptive technology

TX

RX

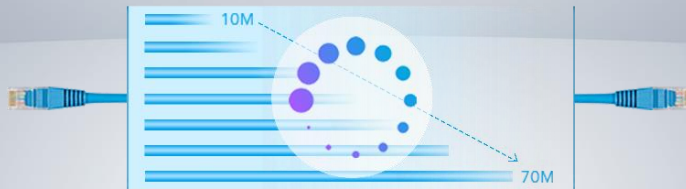
CONNECTION INSTRUCTIONS

- 🔥 Connect the HDMI port of the source device to HDMI IN port of the transmitter via an HDMI cable
- 🔥 Connect the transmitter's CAT6 OUT port to the CAT6 IN port of the receiver via a network cable
- 🔥 Connect the HDMI port of the display device to the HDMI OUT port of the receiver via a HDMI cable
- 🔥 Connect the IR blaster extension cable to the IR OUT port of the transmitter, connect the IR receiver extension cable to the IR IN port of the receiver
- 🔥 Plug the power into the device to get started



Adaptive Technology

Automatically adjusts the parameters to match different network cables and achieve the best display performance



Automatically adjust parameters

APPLICATIONS



SPECIFICATIONS

| Technical | Transmitter | Receiver |
|-----------------------|---|----------------------|
| HDMI compliance | HDMI 1.4 | |
| HDCP compliance | HDCP 1.4 | |
| Video bandwidth | 225MHz (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 | |
| Transmission distance | 1080p@60Hz transmission 70 meters 4K@30Hz transmission 40 meters | |
| Input TMDS signal | 1.2Vp-p | |
| EDID through | Supported | |
| IR pass-back | Supported | |
| IR frequency range | 20-60KHz | |
| Input | 1×HDMI | 1×RJ45, 1×3.5mm (IR) |
| Output | 1×RJ45, 1×3.5mm (IR) | 1×HDMI |
| HDMI connector | Type A, Female, 19-pin | |
| RJ-45 connector | RJ-45 | |
| Mechanical | Transmitter | Receiver |
| Housing | Metal enclosure | |
| Dimensions (L×W×H mm) | 71.6×66.6×24.8mm | 71.6×66.6×24.8mm |
| Net weight | 85g | 85g |
| Fixing Type | Wall-mounting case with screws | |
| Power supply | 5V/500mA | |
| Power consumption | <1.5W | <1.5W |
| Operation temperature | -20 ~ 60°C | |
| Storage temperature | -30 ~ 70 | |
| Relative humidity | 0 ~ 90% (non-condensing) | |

