

EX-TS-400-10

HDMI Extender Kit (1080p60, 40m) with Loop-Out, IR & PoC



> Product Description

The Netvio EX-TS-400-10 is a compact HDMI extender kit (Transmitter & Receiver) that delivers uncompressed, zero-latency HDMI video and audio over a single CAT6 cable. It extends 1080p60 up to 40m (131ft), making it a reliable and cost-effective solution for both residential and commercial AV installations.

The transmitter includes a local HDMI loop output for direct display connection or cascading to additional extenders. With EDID copy functionality, the system ensures reliable source compatibility, while one-way IR pass-through allows remote control of the source device.

The system is powered via a single 12V DC adapter, with PoC (Power over Cable) enabling both transmitter and receiver to operate without multiple power supplies. A robust metal housing and compact design make the EX-TS-400-10 easy to install in any environment.

> Product Features

- Long-Distance HDMI Extension – Extend 1080p60 up to 40m (131ft) over a single CAT6 cable.
- HDMI Loop Output – Local monitoring or cascading to additional extender kits.
- IR Control – One-way IR pass-through for remote source control.
- EDID Copy Function – Local or remote EDID selection for compatibility.
- PoC Powering – Single 12V supply powers both units for simplified installation.
- Compact & Reliable – Slim metal enclosures built for long-term professional use.

> What's Included

- 1× HDMI Transmitter (EX-TS-400-10-TX)
- 1× HDMI Receiver (EX-TS-400-10-RX)
- 1× IR Blaster Cable (1.5m)
- 1× IR Receiver Cable (1.5m)
- 1× 12V/1A Power Adapter
- 1× User Information

> Specifications

Video

- HDMI Compliance: HDMI 1.4
- HDCP Compliance: HDCP 1.4
- Video Bandwidth: 10.2Gbps
- Supported Resolutions: Up to 1080p@60Hz
- Transmission Distance: Up to 40m (131ft) at 1080p60 via CAT6

Audio

- Audio Support: Up to 7.1CH HD audio, Dolby TrueHD, DTS-HD

Inputs / Outputs – Transmitter

- 1× HDMI In (Type-A, female)
- 1× HDMI Out (Loop, Type-A, female)
- 1× CAT Out (RJ45, 8-pin female)
- 1× IR Out (3.5mm jack)

Inputs / Outputs – Receiver

- 1× CAT In (RJ45, 8-pin female)
- 1× HDMI Out (Type-A, female)
- 1× IR In (3.5mm jack)

Control & Features

- EDID Copy Function (local/remote)
- IR Pass-Through (one-way)
- PoC Power (from Transmitter to Receiver)

Mechanical

- Dimensions: 79.5 × 69 × 16.5 mm (3.13" × 2.71" × 0.65")
- Weight: Transmitter 132g (0.29 lbs), Receiver 130g (0.28 lbs)
- Enclosure: Metal, black finish

Environmental

- Operating Temp: 0–40°C (32–104°F)
- Storage Temp: –20–60°C (–4–140°F)
- Humidity: 20–90% RH, non-condensing

Power

- Supply: 12V DC / 1A (included)
- Consumption: TX 1.86W, RX 0.87W
- PoC Supported

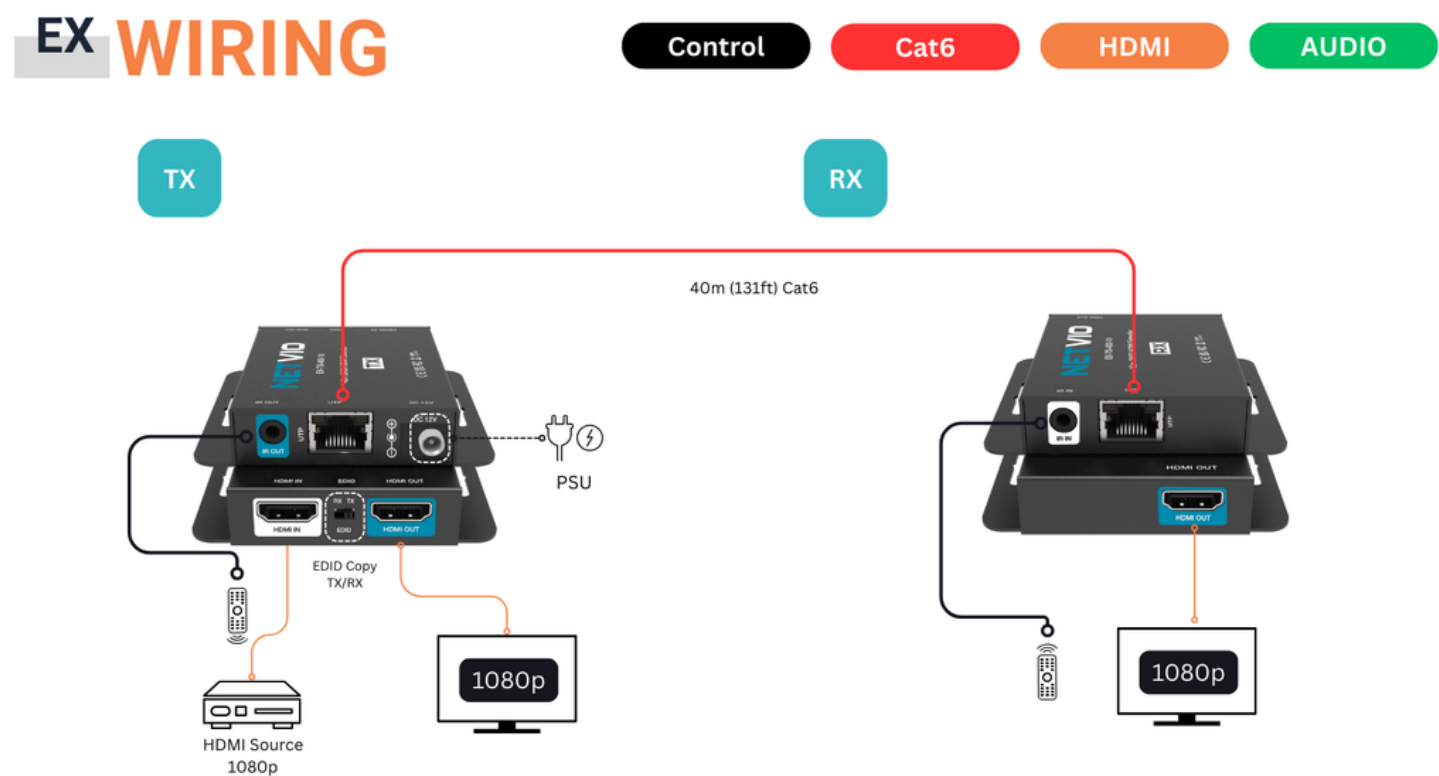
Warranty

- 5 Years (for full details, visit the Netvio website)

Connectivity

- **Transmitter**
 - 1× HDMI Input
 - 1× HDMI Loop Output
 - 1× CAT Output (to Receiver)
 - 1× IR Out (to source device)
 - 1× DC 12V Power Input
- **Receiver**
 - 1× CAT Input (from Transmitter)
 - 1× HDMI Output (to display)
 - 1× IR In (for remote control signal return)

> Wiring Diagram



> A&E Specification

The unit shall be a Netvio EX-TS-400-10 HDMI Extender Kit consisting of a transmitter and receiver. It shall extend HDMI signals up to 40m at 1080p60 over a single CAT6 cable with uncompressed, zero-latency transmission. The extender shall comply with HDMI 1.4 and HDCP 1.4 standards, supporting audio formats up to 7.1CH, Dolby TrueHD, and DTS-HD.

The transmitter shall provide 1× HDMI input, 1× HDMI loop output, 1× CAT output, and 1× IR output, while the receiver shall provide 1× CAT input, 1× HDMI output, and 1× IR input. The system shall support EDID copy, one-way IR pass-through, and PoC powering from transmitter to receiver.

The enclosure shall be metal, with dimensions of 79.5 × 69 × 16.5 mm (3.13" × 2.71" × 0.65") and weights of 132g (TX) and 130g (RX). Power shall be supplied by a 12V DC adapter, with maximum consumption of 1.86W (TX) and 0.87W (RX).

The product shall carry a 5-year warranty (full details available on the Netvio website).