

MP-TP-T70S-H1

18G HDMI 2.0 Extender over CAT5e/6

4K60 Up to 4K@60Hz 4:4:4	70 m 4K transmission	80 m 1080p transmission	12V PoC Single power supply
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PRODUCT OVERVIEW

Point-to-point extender kit for HDMI 2.0 and IR signals. Supports 4K/UHD video at 60Hz with 4:4:4 chroma sampling, HDMI data rates up to 18Gbps, and HDCP 2.2/2.3 support as stated in the manual.

KEY FEATURES

- HDMI 2.0; up to 4K@60Hz 4:4:4 and HDR10
- Automatic down-scaling from 4K input to 1080p at the receiver
- HDMI loop-out on transmitter
- Bi-directional IR and RS-232 pass-through
- Bi-directional 12V PoC; one power supply required
- Visually lossless compression with no latency
- Smart EDID management and CEC enabled



TRANSMISSION DISTANCE

4K: 15–70 m (49–230 ft)
1080p: 15–80 m (49–262 ft)

Note: The manual recommends a CATx cable length of at least 15 m for best video output.

TECHNICAL SPECIFICATIONS

Category	Specification
Video	Up to 4K@60Hz 4:4:4, HDR10
HDMI / HDCP	HDMI 2.0; HDCP version listed as up to 2.2 in the manual; feature list also references HDCP 2.2/2.3
Color space	RGB, Rec. 601, Rec. 709, BT.2020
HDMI audio formats	LPCM 7.1, Dolby TrueHD, Dolby Digital Plus, DTS:X, DTS-HD Master Audio pass-through
Transmitter ports	1 HDMI SOURCE input; 1 HDMI DISPLAY loop-out; 1 CAT OUT (RJ45); IR IN/OUT; RS-232; EDID DIP switch; DC 12V
Receiver ports	1 CAT IN (RJ45); 1 HDMI DISPLAY output; IR IN/OUT; RS-232; DC 12V
Power	Input: 100–240V AC, 50/60Hz; adapter output: 12V DC 1A; max consumption: 5.6W
Dimensions	100 × 16 × 80 mm without mounting ears; 127 × 16 × 80 mm with mounting ears
Net weight	Tx/Rx: 185 g
Environment	Operating: –5 to +55°C; storage: –25 to +70°C; relative humidity: 10–90%, non-condensing

PACKAGE CONTENTS

1× Transmitter • 1× Receiver • 1× IR Receiver • 1× IR Emitter • 2× 3-pin terminal blocks • 1× 12V DC 1A power adapter • 1× Quick Operation Guide

Installation note: IR and RS-232 commands cannot be triggered simultaneously. This sheet is prepared from the supplied MP-TP-T70S-H1 user manual.