

MPTP-T70SR

2. Panel Description



No.	Name	Description
①	LINK	HDBT Link status indicator: • OFF: No Link • GREEN:Link Successful

HDBaseT Extender • Mini-size receiver for long-distance HDMI signal extension

PRODUCT OVERVIEW

The MPTP-T70SR is a mini-size HDBaseT extender set designed to transmit high-resolution 1080p / 4K signals from transmitter to receiver over a single CAT5e/CAT6a cable. It supports CEC, bi-directional RS232 and IR control, and bi-directional PoH.

KEY FEATURES

• Supports 1080p@60Hz, 3D and 4K×2K video.
• Transmission distance up to 70 m for 1080p and 40 m for 4K×2K over CAT5e/CAT6a.
• 10.2 Gbps bandwidth.
• HDMI 1.4 and HDCP 2.2 compliant.
• CEC / IR / RS232 pass-through.
• Bi-directional PoH and bi-directional RS232 / IR control.
• LED indicators for link, HDCP and power status.

TECHNICAL SPECIFICATIONS

Model	MPTP-T70SRR Receiver
Input	(1) IR; (1) HDBaseT; (1) RS232
Input Connectors	(1) 3.5 mm mini jack; (1) RJ-45; (1) 3P captive screw connector
Audio	Digital audio, transmitted through HDMI audio
Output	(1) HDMI; (1) IR; (1) RS232
Output Connectors	(1) Female HDMI; (1) 3.5 mm mini jack; (1) 3P captive screw connector
Resolution Range	640×480@60Hz to 4K×2K@30Hz
Transmission Mode	HDBaseT
Transmission Distance	1080p ≤ 70 m; 4K×2K ≤ 40 m
Bandwidth	10.2 Gbps
HDMI Standard	HDMI 1.4; HDCP 2.2
Impedance	75 Ω
Operating Temperature	0–50 °C
Humidity	10%–90%
Power Supply	Input: 100–240 VAC, 50/60 Hz; Output: DC 24 V, 1.25 A
Power Consumption	14 W
Dimensions (W×H×D)	115 × 16.2 × 109 mm
Net Weight	196 g

INTERFACE / PANEL

Port / Indicator	Function
LINK	HDBaseT link status indicator
HDCP	HDCP compliance / HDMI traffic status
Power	Power status indicator
RS232	RS232 connector
IR IN / IR OUT	5 V IR receiver / emitter connections
HDMI OUT	Connect to HDMI display
HDBT IN	Connect to transmitter HDBT OUT via CAT5e/CAT6a

DC 24V	Power input; not required when transmitter provides power via adaptor
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Package Contents: 1 × MPTP-T70SRR Receiver, 2 × mounting ears with 4 screws, 4 × plastic cushions, 1 × RS232 cable, 1 × user manual.

Source: MPTP-T70SR User Manual, Version MPTP-T70SR_2019V1.0. Specifications and functions are reproduced from the supplied manual.