

MPTP-T100SS-H2

HDBaseT Extender Set
230ft / 70m • 4K UHD • HDMI 2.0

4K UHD HDMI EXTENSION
Professional AV signal extension over HDBaseT

The MPTP-T100SS-H2 is an HDMI 2.0 HDBaseT extender set consisting of a transmitter and receiver. It extends HDMI signals over CAT5e/6a/7 cabling, with long-distance IR and RS232 pass-through, bi-directional PoC, HDR support and Ethernet extension.



KEY FEATURES

- HDMI 2.0 and HDCP 2.2; backward compatible with previous version.
- Transmission distance: up to 70m for 4K×2K and 100m for 1080p.
- Bi-directional IR and RS232 pass-through for long-distance control.
- Bi-directional PoC for simplified wiring.
- Supports HDR.
- DIP switch for RS232 Control / Update modes.

SPECIFICATION	TRANSMITTER	RECEIVER
Input	HDMI IN	HDBT IN
Output	HDBT OUT	HDMI OUT
Control Ports	IR IN, IR OUT, RS232	IR IN, IR OUT, RS232
Ethernet Ports	2 × RJ45	2 × RJ45
Transmission Mode & Distance	HDBaseT; 1080p ≤ 100m; 4K×2K ≤ 70m	Same
Ethernet Transmission Speed	Adaptive 10/100M (max); full or half duplex	Same
Resolution	Up to 4K×2K @ 60Hz, 4:4:4	Same
Bandwidth	18Gbps	18Gbps
HDMI Standard	HDMI 2.0 / HDCP 2.2	HDMI 2.0 / HDCP 2.2
Power Consumption	17W (max)	17W (max)
Operating Temperature	-10°C to 50°C	-10°C to 50°C
Humidity	0% to 90%	0% to 90%
Power Supply	Input: 100–240VAC, 50/60Hz Output: 24VDC 1.25A	24VDC 1.25A; bi-directional PoC
Dimensions (W×H×D)	152 × 16.2 × 104mm	152 × 16.2 × 104mm
Net Weight	240g	240g

PACKAGE CONTENTS Package: 1× Transmitter, 1× Receiver, mounting ears & screws, plastic cushions, 2× 3-pin Phoenix connectors, 24VDC 1.25A power adaptor, user manual.

Source: MPTP-T100SS-H2 User Manual, Version MPTP-T100SS-H2_2020V1.0. Specifications are reproduced from the supplied manual.