

MPTP-T100RPT

4K HDBaseT™ Repeater



PRODUCT OVERVIEW

MPTP-T100RPT is a 4K HDBaseT™ Repeater designed to extend signal transmission from Matrix systems and HDBaseT extender sets. It supports up to 4K@70m and 1080p@100m over CAT5e/6/7 cable for each unit and allows cascading of up to 6 repeaters.

KEY FEATURES

• HDBT input and output, two HDMI outputs and analog audio output.	• Supports up to 4K×2K@60Hz 4:2:0 video.
• HDCP 2.2 compliant with backward compatibility.	• HDBaseT distance up to 100m at 1080p and 70m at 4K×2K.
• Supports PCM, Dolby and DTS audio formats.	• Two RS232 ports for point-to-point, one-to-many and one-to-all control.
• Built-in EDID management and input signal de-embedding.	• Up to 6 repeaters can be cascaded.

TECHNICAL SPECIFICATIONS

Input	1 × HDBT IN / RJ45
Input Video	Up to 4K×2K@60Hz 4:2:0; HDCP 2.2 compatible
Outputs	2 × HDMI Type A, 1 × HDBT OUT / RJ45, 1 × AUDIO OUT / 3-Pin Phoenix
Output Video	Up to 4K×2K@60Hz 4:2:0; HDCP 1.4 compatible
Audio	Embedded: PCM/Dolby/DTS; Analog: PCM
Analog Audio Response	20Hz–20kHz, ±3dB
RS232	2 × RS232; 3-Pin Phoenix; 9600 baud
Power	100–240VAC, 50/60Hz input; 12VDC, 2A output
Power Consumption	14W maximum
Operating Temperature	–10°C to +55°C
Humidity	10%–90%
Dimensions (W×H×D)	200 × 25 × 100 mm
Net Weight	357 g

Source: supplied MPTP-T100RPT User Manual, Version MPTP-T100RPT_2017V1.0.