

MPTP-T-101US

4K HDBaseT 2.0™ KVM Extender with HDMI® & USB 2.0



PRODUCT OVERVIEW

The MPTP-T-101US is a 4K HDMI extender set based on HDBaseT™ 2.0 technology. It extends uncompressed HDMI video/audio, USB 2.0, control signals and PoC over a single CAT5e/CAT6 cable. The unidirectional PoC design allows the receiver to be powered through the transmitter, reducing the need for an additional power outlet.

KEY FEATURES

- HDMI 2.0 compatible and backward compatible with earlier HDMI standards.
- Supports 4K×2K up to 100 m over a single CAT6 cable.
- HDBaseT 2.0 transmission with EDID Pass-Thru.
- HDCP 2.2 compliant.
- USB 2.0 support for remote keyboard, mouse and U-disk access.
- Bi-directional RS232 control.
- Unidirectional PoC (Power over HDBaseT).
- Front-panel status indicators for Power, ON, LINK and HDCP.

TECHNICAL SPECIFICATIONS

Specification	MPTP-T-101UST — Transmitter	MPTP-T-101USR — Receiver
Input	1 × HDMI (19-pin Type-A male)	1 × HDBT (RJ45 female) 3 × USB IN (Type-A)
Output	1 × HDBT (RJ45 female) 1 × USB OUT (Type-B)	1 × HDMI (19-pin Type-A male)
Other	1 × RS232 (3-pin pluggable terminal block)	1 × RS232 (3-pin pluggable terminal block)
Signal Standard	HDMI 2.0 & HDCP 2.2	HDMI 2.0 & HDCP 2.2
Transmission Mode	HDBaseT 2.0	HDBaseT 2.0
Embedded Audio	PCM / Dolby Digital / DTS / DTS-HD	PCM / Dolby Digital / DTS / DTS-HD
EDID Management	EDID Pass-Thru	EDID Pass-Thru
Transmission Distance	4K×2K ≤ 100 m (Cat6)	4K×2K ≤ 100 m (Cat6)
Operating Temperature	-10°C to 55°C	-10°C to 55°C
Reference Humidity	10% to 90%	10% to 90%
Power Supply	Input: 100–240V AC Output: DC 12V 2A	Powered synchronously via PoC
Power Consumption	18 W (max.)	18 W (max.)
Dimensions (W×H×D)	116 × 22 × 95 mm	116 × 22 × 95 mm
Net Weight	197 g	198 g

SUPPORTED RESOLUTIONS

4K×2K: 4096×2160@30Hz; 3840×2160@30/24/25/50/60Hz **16:9:** 1080P 3D, 1920×1080@60Hz, 1600×900@60Hz, 1366×768@60Hz, 1280×720@60Hz, 1024×576@60Hz
16:10: 1920×1200@60Hz, 1680×1050@60Hz, 1440×900@60Hz, 1360×768@60Hz, 1280×800@60Hz
4:3: 1600×1200@60Hz, 1400×1050@60Hz, 1280×1204@60Hz, 1024×768@60Hz, 800×600@60Hz, 640×480@60Hz
21:9: 2560×1080@30/60Hz

APPLICATIONS

Suitable for high-definition AV distribution and long-distance transmission applications, including computer environments, monitoring, large-screen display, meeting rooms, education, and banking & securities institutions.

Source: MPTP-T-101US User Manual, Version MPTP-T-101US_2016V1.0. Specifications and product appearance are based strictly on the supplied manual.