



PT-580T

HDMI over Twisted Pair HDBaseT Transmitter



The **PT-580T** is a 4K resolution, HDBaseT twisted pair transmitter for HDMI signals. The unit inputs an HDMI signal that it converts to a twisted pair signal. An HDBaseT receiver (for example the TP-580R or WP-580R) converts the twisted pair signal back into an HDMI signal and together they form a transmitter receiver pair.

FEATURES

- Max. Data Rate - 10.2Gbps (3.4Gbps per graphic channel), supporting 4K resolution.
- HDTV Compatible.
- HDCP Compliant.
- Certified HDBaseT Technology.
- HDMI Support - Deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS-HD, CEC.
- 2K x 4K Support.
- 3D Pass-Through.
- EDID Pass-Through - Passes EDID signals from the source to the display.
- System Range - Up to 70m (230ft) when using BC-HDKat6a cables.
- Cable - Shielded twisted pair (STP) cable recommended. For optimum range and performance use, use Kramer's BC-HDKat6a cable. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using non-Kramer CAT 5, CAT 6, and CAT 7 cables may not reach these ranges.
- Indicator - Power LED.



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TECHNICAL SPECIFICATIONS

INPUT:	1 HDMI connector.
OUTPUT:	1 RJ-45 connector.
MAX. DATA RATE:	10.2Gbps (3.4Gbps bandwidth per graphic channel).
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
POWER CONSUMPTION:	5V DC, 575mA.
DIMENSIONS:	6.2cm x 5.2cm x 2.4cm (2.4" x 2.1" x 1") W, D, H.
WEIGHT:	0.14kg (0.3lbs).
INCLUDED ACCESSORIES:	5V DC power supply.
OPTIONS:	19" RK-4PT rack adapter; Kramer BC-HDKat6a cable.

