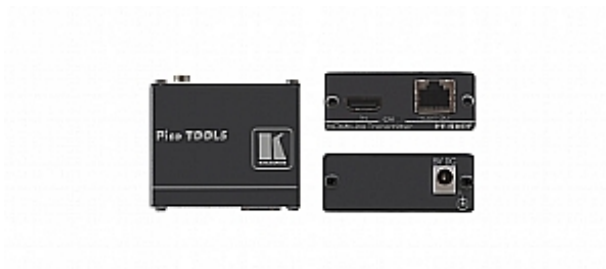




# KRAMER

## PT-580T

4K60 4:2:0 HDMI HDCP 2.2 Compact Transmitter over Long-Reach HDBaseT



PT-580T is a compact high-performance, long-reach HDBaseT transmitter for 4K60Hz (4:2:0) HDMI signal over twisted pair. PT-580T converts the input signal into the transmitted HDBaseT signal. It extends video signals to up to 40m (130ft) over CAT copper cables at up to 4K@60Hz (4:2:0) 24bpp video resolution and provides even further reach for lower HD video resolutions.

## FEATURES

- **High Performance Standard Extender** - Professional HDBaseT extender for providing long-reach signals over twisted-pair copper infrastructures. PT-580T is a standard extender that can be connected to any market-available HDBaseT-compliant extension product. For optimum extension reach and performance, use recommended Kramer cables.
- **HDMI Signal Extension** - HDMI 2.0 and HDCP 2.2 compliant. Supports deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D. EDID and CEC signals are passed through from the source to the display.
- **I-EDIDPro™ Kramer Intelligent EDID Processing™** - Intelligent EDID handling, processing and pass-through algorithm that ensures Plug and Play operation for HDMI source and display systems.
- **Multi-channel Audio Extension** - Up to 32 channels of digital stereo uncompressed signals for supporting studio-grade surround sound.
- **Cost-effective Maintenance** - Status LED indicator facilitates easy local maintenance and troubleshooting.
- **Easy Installation** - Compact Pico TOOLS™ fan-less enclosure for dropped-ceiling or discreet mounting, or side-by-side mounting of 4 units in a 1U rack space with the optional RK-4PT rack adapter.

## TECHNICAL SPECIFICATIONS

INPUT:	1 HDMI on an HDMI connector.
OUTPUT:	1 HDBT on an RJ-45 female connector.
EXTENSION LINE:	HDBaseT 1.0 compliant; Up to 40m (130ft) at 4K @60Hz (4:2:0); Up to 70m (230ft) at full HD (1080p @60Hz 36bpp); Note: When using Kramer HDBaseT cables.
VIDEO:	Up to 10.2Gbps bandwidth (3.4Gbps per graphic channel) Up to 4K UHD @60Hz (4:2:0) 24bpp resolution HDMI 2.0 and HDCP 2.2 signal compliance
POWER SOURCE:	5V DC, 2A.
POWER CONSUMPTION:	5V DC, 570mA.
ENCLOSURE:	Pico Tools size, Aluminium type.
COOLING:	Convection ventilation.
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.
INCLUDED ACCESSORIES:	Power supply unit.
PRODUCT DIMENSIONS:	6.22cm x 5.18cm x 2.44cm (2.45" x 2.04" x 0.96" ) W, D, H
PRODUCT WEIGHT:	0.1kg (0.2lbs) approx.
SHIPPING DIMENSIONS:	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43" ) W, D, H
SHIPPING WEIGHT:	0.4kg (0.9lbs) approx.

