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** - HDCP 2.2 compliant. Supports deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS-HD, 2K, 4K, and 3D as specified in HDMI 2.0. 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 recommended 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
- HDCP 2.2 signal compliance.
- Supports deep color, x.v.Color™, lip sync, HDMI uncompressed audio channels, Dolby TrueHD, DTS−HD, 2K, 4K, and 3D as specified in HDMI 2.0

**POWER SOURCE:**
5V DC, 2A

**POWER CONSUMPTION:**
5V DC, 570mA

**ENCLOSURE:**
Pico Tools size, aluminum 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