



PT-580T

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

| HDMI | HDCP Compliant | HDBaseT
| 4K/60 UHD (4:2:0) | HDCP 2.2 Compatible



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



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TECHNICAL SPECIFICATIONS

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|------------------------|---|
| 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 |

