

Kramer TP-583R 4K HDR HDMI Extender (Receiver) with RS-232/IR over Long-Reach HDBaseT

TP-583R is a high-performance, long-reach HDBaseT receiver for 4K HDR HDMI, RS-232 and IR signals over twisted pair. TP-583R converts the HDBaseT signal and outputs it to its HDMI and control ports. It enables extending video signals to up to 70m (230ft) over Kramer copper cables at up to 4K@60Hz (4:4:4) video resolutions. It is compatible with standard HDBaseT-compliant extenders at 4K@30Hz and HD video resolutions.

Features:

- High Performance Standard Extender - Professional HDBaseT extenders for providing long-reach signals over twisted-pair copper infrastructures. TP-583T and TP-583R are standard extenders with backward compatibility with other standard HDBT extenders enabling them to be connected to any market-available HDBaseT-compliant extension product. They employ low-level video compression technology that delivers visually lossless performance for 4K@60 (4:4:4) and HDR signals with near-zero latency.
- HDMI Signal Extension - HDR 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 hand 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.
- Bidirectional RS-232 Extension - Serial interface data flows in both directions, allowing data transmission and device control.
- Bidirectional Infrared Extension - IR interface data flows in both directions, allowing remote control of peripheral devices located at either end of the extended line.
- Cost-Effective Maintenance - Status LED indicators for HDMI and HDBT ports facilitate easy local maintenance and troubleshooting. Local firmware upgrade via RS-232 connection ensures lasting, field-proven deployment.
- Easy Installation - Compact DigiTOOLS® fan-less enclosure for dropped-ceiling mounting, or side-by-side mounting of 3 units in a 1U rack space with the recommended rack adapter.