



KRAMER

PT-871/2-KIT

4K HDR HDMI Compact PoC Extender over
Long-Reach DGKat 2.0

| HDMI | DGKat



PT-871/2-KIT is a high-performance, long-reach DGKat™ 2.0 extender kit for 4K@60Hz (4:4:4) HDR HDMI 2.0 and HDCP 2.2 signals and 2-way powering over twisted pair. The PT-871 transmitter converts the HDMI input signal into a DGKat™ 2.0 signal. The PT-872 receiver converts the transmitted DGKat™ 2.0 signal into an HDMI signal. PT-871/2-KIT extends video signals to up to 40m (130ft) over Kramer shielded cables at up to 4K@60Hz (4:4:4) 24bpp video resolution

FEATURES

High Performance Extender - Professional DGKat™ 2.0 extender kit for providing long-reach signals and 2-way power over twisted pair copper infrastructures. PT-871/2-Kit extender employs low-level video compression technology that delivers visually lossless performance for 4K60 4:4:4 and HDR signals with near-zero latency. PT-871 converts the HDMI input signal into a DGKat™ 2.0 signal. PT-872 converts the transmitted DGKat™ 2.0 signal into an HDMI signal. PT-871 and PT-872 extend video signals to up to 40m (130ft) over Kramer shielded cables at up to 4K@60Hz (4:4:4) 24bpp video resolution

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 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 indicators for HDMI and DGKat™ 2.0 ports facilitate easy local maintenance and troubleshooting

Easy Installation - Single twisted-pair cable for signal and power wiring. Compact Pico TOOLS™ fan-less enclosure for device-back mounting, or side-by-side mounting of 4 units in a 1U rack space with the recommended rack adapter



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TECHNICAL SPECIFICATIONS

Inputs	1 HDMI On an HDMI female connector (PT-871) 1 DGKat On an RJ-45 female connector for extension line (PT-872)
Outputs	1 DGKat On an RJ-45 female connector for extension line (PT-871) 1 HDMI On an HDMI female connector (PT-872)
Extension Line	Reach Extension: Up to 40m (130ft) at 4K@60Hz (4:4:4 or 4:2:0) or full HD (1080p @60Hz 36bpp) Note When using Kramer shielded cables Signal Compression: Low-level compression is applied to line-transmitted signals of above 1080p resolution Compliance: DGKat 2.0
Video	Max Resolution: 3840x2160@60Hz (4:4:4) 24bpp Data Bandwidth: Up to 18Gbps (6Gbps per graphic channel) Standards Compliance: HDR10, HDMI 2.0, HDCP 2.2
User Interface	Indicator LEDs: In, Out, On
Power	Source: 12V DC, 2A Consumption: 600mA
Environmental Conditions	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
Enclosure	Size Pico Tools Type Aluminum Cooling Convection ventilation
Accessories	Included 1 power supply, 2 bracket kits
PRODUCT DIMENSION:	6.22cm x 5.18cm x 2.44cm (2.45" x 2.04" x 0.96") W, D, H