



## PT-871/2-KIT

4K HDR HDMI Compact PoC Extender over LongReach DGKat 2.0

| HDMI | DGKat



PT871/2KIT is a highperformance, longreach DGKat™ 2.0 extender kit for 4K@60Hz (4:4:4) HDR HDMI 2.0 and HDCP 2.2 signals and 2way powering over twisted pair. The PT871 transmitter converts all input signals into the DGKat™ 2.0 signal. The PT872 receiver converts the transmitted DGKat™ 2.0 signal into an HDMI signal. PT871/2KIT extends video signals to up to 40m (130ft) over Kramer CAT copper cables at up to 4K@60Hz (4:4:4) 24bpp video resolution

### FEATURES

**High Performance Extender** - Professional DGKat™ 2.0 extender kit for providing longreach signals and 2way power over twisted pair copper infrastructures. PT871/2Kit extender employs lowlevel video compression technology that delivers visually lossless performance for 4K60 4:4:4 and HDR signals with nearzero latency. PT871 converts input HDMI signal into the transmitted DGKat™ 2.0 signal. PT872 converts the transmitted DGKat™ 2.0 signal into an HDMI signal. PT871 and PT872 extend video signals to up to 40m (130ft) over Kramer CAT copper 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, DTSHD, 2K, 4K, and 3D. EDID signals are passed through from the source to the display

**IEDIDPro™ Kramer Intelligent EDID Processing™** - Intelligent EDID handling, processing and passthrough algorithm that ensures Plug and Play operation for HDMI source and display systems

**Multichannel Audio Extension** - Up to 32 channels of digital stereo uncompressed signals for supporting studiograde surround sound

**Cost-effective Maintenance** - Status LED indicators for HDMI and DGKat™ 2.0 ports facilitate easy local maintenance and troubleshooting

**Easy Installation** - Single twistedpair cable for signal and power wiring. Compact Pico TOOLS™ fanless enclosure for deviceback mounting, or sidebyside mounting of 4 units in a 1U rack space with the optional RK4PT rack adapter



## TECHNICAL SPECIFICATIONS

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1 HDMI	On an HDMI female connector (PT871)
1 DGKat	On an RJ45 female connector for extension line (PT872)
1 DGKat	On an RJ45 female connector for extension line (PT871)
1 HDMI	On an HDMI female connector (PT872)
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 UNIKAT cables
Signal Compression:	Lowlevel compression is applied to linetransmitted signals of above 1080p resolution
Compliance:	DGKat 2.0
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
Indicator LEDs:	In, Out, On
Source:	12V DC, 2A
Consumption:	270mA
Operating Temperature:	0° to +40°C (32° to 104°F)
PRODUCT DIMENSION:	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 DIMENSION:	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43" ) W, D, H
SHIPPING WEIGHT:	0.4kg (0.8lbs) approx
Size	Pico Tools
Type	Aluminium
Cooling	Convection ventilation
Storage Temperature:	40° to +70°C (40° to 158°F)
Humidity:	10% to 90%, RHL noncondensing
Included	1 power supply, 2 bracket kits
Optional:	RK4PT 19" rack mount