## PT-571HDCP

**DVI over Twisted Pair Transmitter** 















The PT-571HDCP is a DGKat<sup>™</sup> twisted-pair transmitter for DVI signals. The PT-571HDCP converts the DVI to twisted pair signal and the PT-572HDCP+ converts the twisted pair signal back to a DVI signal.

## **FEATURES**

- Max. Data Rate 4.95Gbps (1.65Gbps per graphic channel); WUXGA, 1920x1080p.
- HDTV Compatible.
- HDCP Compliant.
- DGKat<sup>™</sup> Signal Integration Kramer's unique technology for converting TMDS as well as control and communication to signals that run over twisted pair cables. We strongly recommend using Kramer DGKat<sup>™</sup> cables designed specifically for optimum performance.
- System Range Up to 90m (295ft) at SXGA, or up to 30m (98ft) at UXGA on shielded BC-DGKat524 cable. Up to 90m (295ft) at SXGA, or up to 70m (230ft) at UXGA on shielded BC-DGKat623 cable. Up to 100m (330ft) at SXGA, or up to 80m (265ft) at UXGA on shielded BC-DGKat7a23 cable.
- Cable Requires shielded twisted pair (STP) cable. For optimum range and performance use, use Kramer's BC-DGKat524, BC-DGKat623 and BC-DGKat7a23 cables. Note that the transmission range depends on the signal resolution, graphics card and display used. The distance using non-Kramer CAT 5, CAT 6, and CAT 7 cables may not reach these ranges. Use only shielded cable where both ends of the shield are soldered to ground.
- EDID PassThru Passes EDID signals between the source and display.
- Power Connect™ System A single connection to the transmitter powers both units when the devices are within 150ft (50m) of each other.
- Ultra-Compact PicoTOOLS™ 4 units can be rack mounted side-by-side in a 1U rack space with the optional RK-4PT rack adapter.



## PT-571HDCP

## **TECHNICAL SPECIFICATIONS**

INPUTS: 1 DVI, 1.2Vpp on a DVI Molex 24-pin female connector.

OUTPUTS: 1 DGKat twisted pair on an RJ-45 connector.

BANDWIDTH: 4.95Gbps (1.65Gbps per graphic channel); WUXGA, 1920x1080p.

POWER CONSUMPTION: 12V DC, 250mA (transmitter and receiver together).

DIMENSIONS:  $6.2cm \times 5.2cm \times 2.4cm (2.4" \times 2.1" \times 1") W, D, H.$ 

WEIGHT: 0.14kg (0.3lbs).

ACCESSORIES: Power supply, mounting bracket.

OPTIONS: RK-4PT 19" rack adapter.

