PT-571HDCP

DVI over Twisted Pair Transmitter

The PT−571HDCP is a DGKat™ 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** - Up to 1.65Gbps; WUXGA, 1920x1080p.

- **HDTV Compatible.**

- **HDCP Compliant.**

- **DGKat™ 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™ 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.

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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: Up to 1.65Gbps; WUXGA, 1920x1080p.

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

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

WEIGHT: 0.14kg (0.3lbs).

ACCESSORIES: Power supply, mounting bracket.

OPTIONS: RK−4PT 19" rack adapter.