



PT-571HDCP

DVI (HDCP) 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. The **PT-571HDCP-MD** is certified for medical applications.

FEATURES

- **Max. Data Rate** - 4.95Gbps (1.65Gbps per graphic channel); WUXGA, 1920x1080p.
- **Certified for Medical Applications** - According to IEC 60601-1-2 (Electromagnetic Compatibility), (PT-571HDCP-MD).
- **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.

TECHNICAL SPECIFICATIONS

INPUTS: 1 DVI, 1.2Vpp on a DVI Molex 24-pin female connector.
OUTPUTS: 1 DVI on a twisted pair on an RJ-45 connector.
BANDWIDTH: 4.95Gbps (1.65Gbps per graphic channel); WUXGA, 1920x1080p.
POWER CONSUMPTION: 12V DC, 308mA (transmitter and receiver together).
OPERATING TEMPERATURE: 0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE: -40° to +70°C (-49° to 158°F).
HUMIDITY: 10% to 90%, RHL non-condensing.
DIMENSIONS: 6.2cm x 5.2cm x 2.4cm (2.4" x 2.1" x 1") W, D, H.
WEIGHT: 0.14kg (0.3lbs).
INCLUDED ACCESSORIES: Power supply, mounting bracket.
OPTIONS: RK-4PT 19" rack adapter.

CONFIGURATIONS

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