



## PT-571HDCP

DVI HDCP 2.2 Compact Transmitter over PoC Long-Reach DGKat



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.
- **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 DGK at 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.
INCLUDED ACCESSORIES:	Power supply, mounting bracket.
OPTIONS:	RK-4PT 19" rack adapter.
PRODUCT DIMENSIONS:	6.20cm x 5.20cm x 2.40cm (2.44" x 2.05" x 0.94" ) W, D, H
PRODUCT WEIGHT:	0.0kg (0.0lbs) approx.
SHIPPING DIMENSIONS:	0.00cm x 0.00cm x 0.00cm (0.00" x 0.00" x 0.00" ) W, D, H
SHIPPING WEIGHT:	0.4kg (0.8lbs) approx.

CONFIGURATIONS

PT-571HDCP-MD

DVI (HDCP) over Twisted Pair Transmitter for Medical Applications

