



PT-571

HDMI HDCP 2.2 Compact Transmitter over PoC Long-Reach DGKat



The PT-571 is a DGKat™ twisted pair transmitter for HDMI signals. The PT-571 converts an HDMI signal to a single twisted pair signal and the PT-572+ converts the twisted pair signal back to an HDMI signal.

FEATURES

- Max. Data Rate - 4.95Gbps (1.65Gbps per graphic channel).
- 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.
- HDMI Support.
- 3D Pass-Through.
- System Range - Up to 90m (295ft) at 1080i, or up to 30m (98ft) at 1080p on shielded BC-DGKat524 cable. Up to 90m (295ft) at 1080i, or up to 70m (230ft) at 1080p on shielded BC-DGKat623 cable. Up to 100m (330ft) at 1080i or up to 90m (295ft) at 1080p 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.
- Status LED - Lights red when receiving power only, orange when output and power are attached, and yellow when both an active input and output are attached.
- Power Connect™ System - A single connection to the transmitter powers the receiver.
- Ultra-Compact Pico TOOLS™ - 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 HDMI connector.
OUTPUTS:	1 DKGat twisted pair RJ-45 connector.
BANDWIDTH:	4.95Gbps (1.65Gbps per graphic channel).
COMPLIANCE WITH HDMI STANDARD:	Supports HDMI and HDCP.
POWER CONSUMPTION:	12V DC, 250mA (transmitter and receiver together).
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-4PT 19" rack adapter.
PRODUCT DIMENSIONS:	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 DIMENSIONS:	17.40cm x 12.00cm x 8.60cm (6.85" x 4.72" x 3.39") W, D, H
SHIPPING WEIGHT:	0.4kg (0.8lbs) approx.

