



TP-125-od

Computer Graphics Video, Stereo Audio & Bidirectional RS-232 over Twisted Pair Transmitter with EDID & EMP Protection



Compatible with HDTV component video signals when used with a breakout cable such as the Kramer C-GM/3RVF.



The **TP-125-od** is a high-performance twisted pair transmitter for computer graphics video, unbalanced stereo audio and bidirectional RS-232 control command signals. It converts the input signals to a twisted pair signal and transmits them over CAT 5 cable to a TP-126-od receiver.

FEATURES

- Max. Resolution - WUXGA & 1080p.
- HDTV Compatible.
- System Range - More than 100m (300ft).
- EMP Protection - Protected from voltage surges induced by the electromagnetic field of nearby lightning. The system does not protect against direct lightning strikes.
- EDID Capture - Copies and stores the EDID from a display device.
- Cable - STP (shielded twisted pair) such as Kramer BC-STP CAT 5.
- Bidirectional RS-232 Interface - Commands and data can flow in both directions via the RS-232 interface, allowing status requests and control of the destination unit.
- Compact DigiTOOLS® - 3 units can be rack mounted side-by-side in a 1U rack space with the optional RK-3T rack adapter.



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TECHNICAL SPECIFICATIONS

INPUTS:	1 WUXGA on a 15-pin HD connector; 1 audio ANALOG 3.5mm mini jack.
OUTPUT:	1 RJ-45 OUT connector.
CONTROL:	RS-232 2-pin terminal block.
RS-232 BAUD RATE:	Up to 19200kbps.
RS-232 MODE:	Full-duplex.
AUDIO BANDWIDTH (-3dB):	20Hz to 20kHz @0.5dB.
RESOLUTION:	Up to WUXGA and 1080p.
S/N RATIO:	Video: 58dB unweighted, 68.3dB @5MHz weighted; Audio: <-80dB.
TOTAL GAIN:	Audio: Analog/analog: 0dB; Analog/SPDIF: -12dBFS.
COUPLING:	AC.
THD+N:	Audio: <0.01%.
POWER CONSUMPTION:	12V DC, 140mA.
DIMENSIONS:	12.1cm x 7.18cm x 2.42cm (4.76" x 2.83" x 0.95") W, D, H.
WEIGHT:	0.3kg (0.67lbs) approx.
INCLUDED ACCESSORIES:	Power supply.
OPTIONS:	RK-3TB 19" rack mount adapter.