



## TP-123-od

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



The TP-123-od is a high-performance twisted pair transmitter for computer graphics video, unbalanced stereo analog audio and unidirectional RS-232 control signals. It converts the input signals to a twisted pair signal and transmits it over twisted pair cable to a TP-124-od receiver.

### FEATURES

- **Max. Resolution** - WUXGA & 1080p.
- **HDTV Compatible**.
- **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.
- **System Range** - More than 300ft (more than 100m).
- **Cable** - STP (shielded twisted pair) such as Kramer BC-STP CAT 5.
- **Power Connect™ System** - A single connection to the transmitter or the receiver powers both units when the devices are within 150ft (50m) of each other.
- **Compact Kramer TOOLS™** - 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

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INPUTS:	1 VGA/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.
BANDWIDTH (-3dB):	Audio: 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, 420mA.
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-3T 19" rack mount adapter.