



TP-125-od

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



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.



TP-125-od

TECHNICAL SPECIFICATIONS

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|-------------------------|---|
| 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. |