



## TP-45EDID

Component Video or Computer Graphics Video with Audio over Twisted Pair Transmitter with EDID



The TP-45EDID is a high-performance twisted pair transmitter for computer graphics or component video and unbalanced stereo audio signals. It converts the input signals to a twisted pair signal that it transmits to a compatible receiver.

### FEATURES

- HDTV Compatible.
- Max. Resolution - WUGXA (15-pin HD) & 1080p (component).
- Independently Selectable Video and Audio Sources - Computer graphics or component video, analog or digital audio.
- System Range - Up to 100m (330ft).
- 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.
- Cable - UTP (unshielded twisted pair) or STP (shielded twisted pair) such as CAT 5.
- EDID Capture - Copies and stores the EDID from a display device.
- Controls - Front panel input selector and EDID capture buttons, remote input selector terminal block.
- Indicators - Input selection and EDID status LEDs.
- 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

VIDEO INPUTS:	1 component video, 1Vpp/75Ω(Y,Pb,Pr) on 3 RCA connectors; 1 XGA on a 15-pin HD connector.
AUDIO INPUTS:	1 unbalanced stereo audio, 0dBu/50kΩ, on a 3.5mm jack; 1 S/PDIF audio on an RCA connector.
POWER CONSUMPTION:	12V DC, 920mA max. (TP-46N, TP-45EDID pair when powered from the TP-45EDID via power connect, CAT 5, 60m); TP-45EDID self current: 110mA.
OUTPUT:	1 twisted pair on an RJ-45 connector (video/audio).
MAX. INPUT LEVEL:	XGA: 1.7Vpp on 75Ω, DC coupling; Y,Pb,Pr: 1.05Vpp on 75Ω, AC coupling.
RETURN LOSS:	-18dB.
VIDEO RESOLUTION:	Up to UXGA, 1080p.
S/N RATIO:	69dB RMS @5MHz.
K-FACTOR:	0.2%.
ISOLATION (CROSSTALK):	-43dB @ 5MHz.
AUDIO BANDWIDTH:	20Hz to 20kHz.
TND+NOISE:	0.33% @1kHz.
SAMPLE RATE CONVERSION:	48kHz.
RESOLUTION CONVERSION:	24 bits.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	-40° to +70°C (-40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
DIMENSIONS:	12cm x 7.15cm x 2.76cm (4.7" x 2.81" 1.09") W, D, H.
WEIGHT:	0.3 kg (0.67 lbs) approx.
INCLUDED ACCESSORIES:	Power supply.

