



TP-125xl

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



The TP-125xl is an extended range 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 compatible receiver

FEATURES

Max. Resolution - WUXGA & 1080p

HDTV Compatible

System Range - More than 820ft (more than 250m)

EDID Capture - Copies and stores the EDID from a display device

Cable - We recommend the use of Kramer's BC-XTP high quality skew-free, unshielded twisted pair (UTP) cable. When using UTP cable, it is advisable to ensure that the cable is installed far away from electric cables, motors and so on, which are prone to create electrical interference

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



TECHNICAL SPECIFICATIONS

INPUTS:	1 computer graphics on a 15-pin HD connector, 1 unbalanced stereo audio on a 3.5mm mini jack, 1 bidirectional RS-232 on a 3-pin terminal block
OUTPUT:	1 twisted pair on an RJ-45 connector
RESOLUTION:	Up to WUXGA and 1080p
RS-232 BAUD RATE:	9600 and 19200bps
RS-232 MODE:	Full-duplex
AUDIO BANDWIDTH (-3dB):	20Hz to 20kHz @-3dB
S/N RATIO:	Video: 58dB unweighted, 68.3dB @5MHz weighted; Audio: <-84dB
TOTAL GAIN:	Audio: Analog/analog: 0dB; Analog/SPDIF: -12dBFS
COUPLING:	AC
THD+N:	Audio: <0.02%
POWER CONSUMPTION:	12V DC, 450mA
RANGE:	Up to 250m (820ft)
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
INCLUDED ACCESSORIES:	Power supply
Product Dimensions	12.00cm x 7.15cm x 2.44cm (4.72" x 2.81" x 0.96") W, D, H
Product Weight	0.2kg (0.4lbs) approx
Shipping Dimensions	15.70cm x 12.00cm x 8.70cm (6.18" x 4.72" x 3.43") W, D, H
Shipping Weight	0.5kg (1.0lbs) approx

