

DTP HDMI 301

Long Distance HDMI Twisted Pair Extender



DTP HDMI 301 Tx



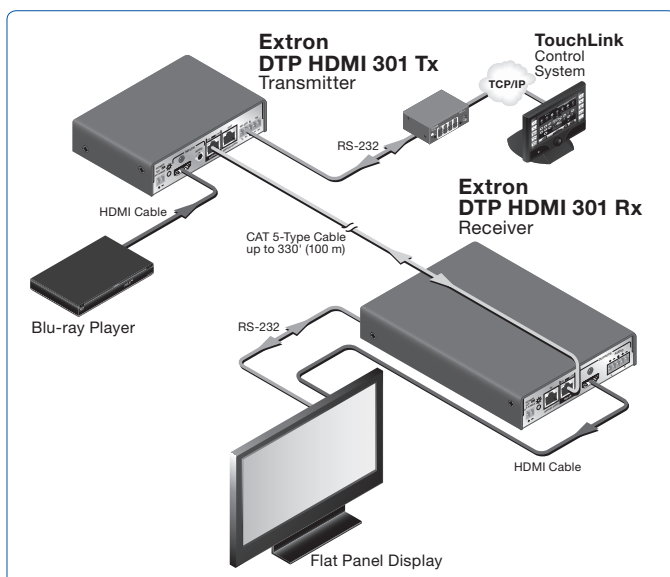
DTP HDMI 301 Rx

DESCRIPTION

The Extron **DTP HDMI 301** is a transmitter and receiver set for long distance transmission of HDMI video, embedded audio, plus bidirectional control signals over a single CAT 5-type cable. For added flexibility and convenience, separate analog stereo audio signals can also be transmitted on a second twisted pair cable. It is HDMI 1.3 compatible and capable of sending 1080p/60 Deep Color and 1920x1200 signals up to 330 feet (100 meters). These integrator-friendly features, combined with the compact enclosure sizes and remote powering of either unit, make the DTP HDMI 301 ideal for extending video, multi-channel audio, and bidirectional control in space-challenged environments.

FEATURES

- Transmits HDMI plus RS-232 and IR signals over a single CAT 5-type cable
- Extends 1080p/60 Deep Color and 1920x1200 signals up to 330 feet (100 meters)
- Optimized for use with standard CAT 5e cable
- Transmits separate analog stereo audio signals
- HDMI 1.3 compatible
- HDCP compliant
- Remote powering of transmitter or receiver



SPECIFICATIONS

VIDEO	
Maximum data rate	6.75 Gbps (2.25 Gbps per color)
Standards	DVI 1.0, HDMI 1.3
VIDEO INPUT - TRANSMITTER	
Number/signal type	1 single link HDMI (or DVI-D*)
Connectors	1 female HDMI type A
INTERCONNECTION BETWEEN TRANSMITTER AND RECEIVER	
Connectors	2 female RJ-45 per unit for 2 cables connecting the transmitter and receiver TP1 output transmits digital video, embedded digital audio, RS-232, IR, and remote power. TP2 output transmits analog stereo audio.
Signal transmission distance	330' (100 m) using CAT 5e/6 UTP or STP cable
VIDEO OUTPUT - RECEIVER	
Number/signal type	1 single link HDMI (or DVI-D*)
Connectors	1 female HDMI type A
AUDIO	
Frequency response	20 Hz to 20 kHz, ± 0.05 dB
AUDIO INPUT	
Number/signal type	1 PC level stereo, unbalanced
Connectors	(1) 3.5 mm stereo jack, 2 channel; tip (L), ring (R), sleeve (ground)
AUDIO OUTPUT	
Number/signal type	1 stereo (2 channel), balanced/unbalanced
Connectors	(1) 3.5 mm captive screw connector, 5 pole
CONTROL/REMOTE - EXTERNAL DEVICE (PASS-THROUGH, UNIDIRECTIONAL OR BIDIRECTIONAL)	
Serial control port input/output	Transmitter: RS-232 via (1) 3.5 mm, 5 pole captive screw connector for RS-232 control (± 5 V) (connector is shared with IR control port)
Baud rates	Up to 115200 baud
IR control port	(1) 3.5 mm, captive screw connector, 5 pole (connector is shared with RS-232 control port) TTL level (0 to 5 V) modulated infrared control from 30 kHz up to 60 kHz
GENERAL	
Power consumption	7.0 watts, 12 VDC, total, for both transmitter and receiver
Mounting	Rack mount: Yes, with optional 1U high rack shelf
Enclosure type	Metal
Enclosure dimensions	Transmitter: 1.0" H x 4.3" W x 3.0" D (quarter rack wide) (2.5 cm H x 10.9 cm W x 7.6 cm D) (Depth excludes connectors.) Receiver: 1.0" H x 4.3" W x 6.0" D (quarter rack wide) (2.5 cm H x 10.9 cm W x 15.2 cm D) (Depth excludes connectors.)
Product weight	Transmitter: 0.5 lbs (0.3 kg) Receiver: 1.0 lb (0.5 kg)
Shipping weight	3 lbs (2 kg)

For complete specifications, please go to www.extron.com

MODEL

DTP HDMI 301 Tx

DTP HDMI 301 Rx

VERSION DESCRIPTION

HDMI Transmitter 60-1212-12
HDMI Receiver 60-1212-13

PART