

DTP3 T 101 D

4K/60 HDMI DTP3 TRANSMITTER – DECORATOR-STYLE WALLPLATE



DTP
SYSTEMS

18 Gbps
4K/60 4:4:4

The Extron **DTP3 T 101 D** is a one-gang decorator-style transmitter for sending HDMI signals up to 330 feet (100 meters) over a shielded CAT 6A cable. The wall-mountable design of this DTP3 transmitter provides the convenience of placing input connections precisely where they are needed.

- ▶ Transmits HDMI up to 330' (100 m) over a shielded CAT 6A cable
- ▶ Supports computer & video resolutions up to 4K/60 @ 4:4:4
- ▶ Comprehensive EDID management
- ▶ HDCP 2.3 compliant
- ▶ Supported HDMI 2.0b specification features include data rates up to 18 Gbps, HDR, Deep Color up to 12-bit, 3D, HD lossless audio formats, and CEC pass-through
- ▶ Remote power capability with DTP3 products
- ▶ Compatible with CAT 6A shielded twisted pair cable
- ▶ DTP3 output is compatible with HDBase-T™-enabled devices

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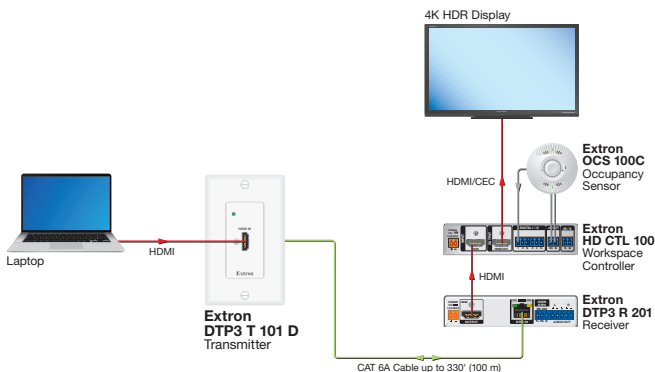
DESCRIPTION

The Extron **DTP3 T 101 D** is a one-gang decorator-style transmitter for sending HDMI up to 330 feet (100 meters) over a shielded CAT 6A cable. It supports video resolutions up to 4K/60 @ 4:4:4 and complies with HDCP 2.3. For maximum image quality and minimal latency, all supported video resolutions are transported without compression. The wallplate transmitter includes many Extron technologies, such as EDID Minder® that ensures the source powers up properly and reliably outputs content for display. It can be remotely powered by a DTP3-enabled product over the twisted pair connection, or send power to the connected DTP3 receiver when using the included power supply. The compact wall-mountable design of the DTP3 T 101 D provides the convenience of placing an HDMI input connection precisely where it is needed.

This HDCP 2.3-compliant extender enables the reliable transmission of HDMI signals, supporting CEC pass-through and embedded HD lossless audio formats. In addition, DDC communication of EDID is continuously maintained between a source and display, ensuring direct compatibility and optimal signal transmission between devices. The DTP3 T 101 D transmitter is also configurable for compatibility with HDBaseT-enabled displays.

The transmitter mounts in an included one-gang decorator-style wallplate that fits a standard US one-gang size junction box. The wall-mountable form factor of the DTP3 T 101 D transmitter allows for discreet placement in walls, lecterns, and floor boxes.

APPLICATION DIAGRAM



SPECIFICATIONS

TRUE 4K SPECIFICATION

Max 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max Bit Depth per Color
4096 x 2160 at 60 Hz 3840 x 2160 at 60 Hz 4096 x 2160 at 30 Hz 3840 x 2160 at 30 Hz	4:4:4	8 bit
4096 x 2160 at 60 Hz 3840 x 2160 at 60 Hz	4:2:0	12 bit

Frame rate ¹	24, 25, 30, 50, or 60 fps
Chroma sampling ¹	4:4:4, 4:2:2, or 4:2:0
Color bit depth ¹	8, 10, or 12 bits per color
Signal Type	HDMI 1.x/2.0b, HDCP 2.3
Max. video data rate	18 Gbps (6 Gbps per color)
NOTE: ¹ Subject to the maximum data rate limit. Use our calculator at www.extron.com/8KdataRate to determine video parameters supported by this data rate.	

VIDEO

Maximum data rate	18 Gbps (6 Gbps per color)
Maximum pixel clock	600 MHz
Resolution range	Up to 1080p @ 120 Hz or 4K @ 60 Hz (4:4:4 subsampling) 5120x1080* @ 30 Hz, 5120x1440* @ 30 Hz, 5120x2160 @ 30 Hz, 5120x2560* @ 30 Hz, 5120x2880* @ 30 Hz
NOTE: *Indicated rates not available via standard 256-byte EDID and may require custom video card configuration.	
Vertical frequency range	24 Hz to 240 Hz for resolutions up to 18 Gbps
HDR	HDR10, HDR10+, Dolby Vision

VIDEO INPUT

Connector	1 female HDMI, Type-A
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INTERCONNECTION BETWEEN TRANSMITTER AND RECEIVER

Connectors	1 female RJ-45
NOTE: Extron XTP DTP 22 shielded twisted pair cable is strongly recommended for optimal performance.	

GENERAL

Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1.5 A, 18 watts
NOTE: The transmitter can be powered either locally by an external power supply or remotely by receiver on the other end of the twisted pair cable.	
Mounting	Furniture or wall mount Yes, with a 1 gang wall box or mud ring
NOTE: Overall height is 4.2" (107 mm), including mounting tabs. Mounting holes are 3.2" (82 mm) apart on center. Depth excludes connectors. Fits the opening in a 1 gang decorator wallplate.	
Product warranty	3 years parts and labor
Everlast power supply warranty	7 years parts and labor

Model	Version Description	Part number
DTP3 T 101 D	HDMI 4K/60 Wallplate Tx, Black - 330 feet (100 m)	60-1902-52
DTP3 T 101 D	HDMI 4K/60 Wallplate Tx, White - 330 feet (100 m)	60-1902-53

For complete specifications, please go to www.extron.com
Specifications are subject to change without notice.

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