DTP T EU 4K 331

LONG DISTANCE DTP TRANSMITTER FOR EU-TYPE JUNCTION BOXES



The Extron **DTP T EU 4K 331** is a compact transmitter for sending HDMI up to 330 feet (100 meters) over a shielded CATx cable to Extron DTP® 330-enabled products. The DTP transmitter is compatible with standard one-gang EU-type junction boxes for convenient installation in wall mount environments. The HDCP-compliant transmitter features a convenient one-gang form factor that offers maximum placement flexibility.

- **Designed to mount in a one-gang EU-type electrical junction box**
- **Transmits HDMI up to 330 feet (100 meters) over a shielded CATx cable**
- **Supports computer and video resolutions up to 4K**
- **Extron XTP DTP 24 shielded twisted pair cable is strongly recommended for optimal performance**
- **DTP® output is compatible with HDBaseT-enabled devices**
- **Supports multiple embedded audio formats**
- **HDCP 2.3 compliant**

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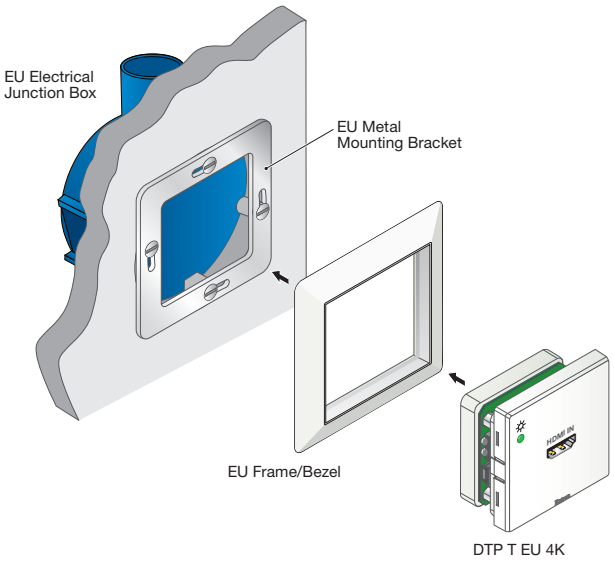
DESCRIPTION

The Extron **DTP T EU 4K 331** is a compact transmitter for sending HDMI signals up to 330 feet (100 meters) over a shielded CATx cable to Extron DTP 330-enabled products. The transmitter is compatible with standard one-gang EU-type junction boxes for convenient installation in wall mount environments. The DTP T EU 4K 331 supports video signals at resolutions up to 4K. It features a front panel LED indicator for power and signal presence, and compatibility with HDBaseT-enabled devices. Designed for DTP Systems, the DTP T EU 4K 331 can be remotely powered by Extron DTP CrossPoint® matrix switchers or other DTP 330-enabled products. The one-gang design provides maximum space efficiency and the convenience of placing input connections precisely where they are needed.

KEY FEATURES

- **Designed to mount in a one-gang EU-type electrical junction box**
- **Transmits HDMI up to 330 feet (100 meters) over a shielded CATx cable**
- **Supports computer and video resolutions up 4K**
- **HDCP 2.3 compliant**
- **DTP output is compatible with HDBaseT-enabled devices**
- **Remote power capability**

APPLICATION DIAGRAM



SPECIFICATIONS

TRUE 4K SPECIFICATION

Max. 4K Capabilities		
Resolution and Refresh Rate	**Chroma Sampling**	**Max Bit Depth per Color**
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	8 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 bits per color
Signal type	HDMI 1.4, HDCP 2.3, 2.0, 1.4
Max. video data rate	10.2 Gbps (3.4 Gbps per color)

NOTE: [1]Subject to the maximum data rate limit. Use our calculator at www.extron.com/4Kdatarate to determine video parameters supported by this data rate.

VIDEO INPUT

Connector	1 female HDMI type A

INTERCONNECTION BETWEEN TRANSMITTER AND RECEIVER

Connector	1 female RJ-45
Signal transmission distance	Up to 330' (100 m) using shielded twisted pair (STP) cable or XTP DTP 24 cable
Cable requirements	Solid conductor, 24 AWG or better
Cable recommendations	400 MHz bandwidth STP cable

NOTE: Extron XTP DTP 24 shielded twisted pair cable is strongly recommended for optimal performance.

NOTE: Output mode signaling:

DTP: HDMI with embedded audio and remote power

HDBaseT: HDMI with embedded audio

GENERAL

Power supply	External Input: 100 to 240 VAC, 50-60 Hz Output: 12 VDC, 1 A, TBD watts
Mounting	Mounts to 1-gang enclosures with 60 mm mounting centers.
Enclosure dimensions	
Frame	3.17" H x 3.17" W x 0.40" D (1-gang) (80.5 mm H x 80.5 mm W x 10.1 mm D)
Device module	2.17" H x 2.17" W x 1.52" D (55.0 mm H x 55.0 mm W x 38.4 mm D) Fits mounting frames that accept 55 mm x 55 mm modules. (Allow at least 1.9" [47 mm] in the junction box for device plus cable clearance.)
Regulatory compliance	
Safety	CE, c-UL, UL
EMI/EMC	CE**, C-tick, FCC Class A**, ICES, VCCI
Environmental	Complies with the appropriate requirements of RoHS, WEEE.

Model	Version Description	Part number
DTP T EU 4K 331	HDMI EU Tx - 330 feet (100 m)	60-1532-52

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

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