

Specifications

DTP2 T 201 D

TRUE 4K specifications

Max. 4K Capabilities		
Resolution and Refresh Rate	Chroma Sampling	Max. Bit Depth per Color
3840x2160 at 60 Hz	4:4:4	8 bit
4096x2160 at 30 Hz		
3840x2160 at 30 Hz		

Frame rate¹ 24, 25, 30, 50, or 60 fps
 Chroma sampling¹ 4:4:4
 Color bit depth¹ 8 bits per color
 Signal type HDMI 1.4, 2.0; HDCP 1.4, 2.3
 Max. video data rate 18 Gbps (6 Gbps per color)

NOTE: ¹Subject 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 2560x1600 @ 60 Hz or 1080p @ 60 Hz,
 4K (4096x2160) @ 30 Hz, UHD (3840x2160) @ 30 Hz,
 UHD (3840x2160) @ 60 Hz
 Color bit depth 8 bits — subject to the maximum data rate limit
 Formats RGB digital video
 Standards DVI 1.0; HDMI 1.4, 2.0; HDCP 1.4, 2.3; CEA-861-F

Video input

Number/signal type 1 single link HDMI (or DVI-D*)
 Connectors 1 female HDMI type A
 Horizontal frequency 15 kHz to 150 kHz
 Vertical frequency 24 Hz to 120 Hz for resolutions up to 18 Gbps

NOTE: *Appropriate HDMI to DVI-D cables or adapters are required for DVI signal input/output.

Interconnection between transmitter and receiver

Connectors 1 female RJ-45 per unit
 Termination standards TIA/EIA T568B
 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.

Specifications • DTP2 T 201 D (Continued)

Audio input

Number/signal type.....	1 digital embedded audio on HDMI
Connector.....	1 female HDMI

General

Power supply	External Input: 100-240 VAC, 50-60 Hz Output: 12 VDC, 1.5 A, 18 watts
Power consumption	
Transmitter	
Device	TBD watts, 12 VDC
Device and power supply...	TBD watts, 100-240 VAC, 50-60 Hz

NOTE: Each transmitter or receiver can be powered either locally by an external power supply or remotely by receiver or transmitter on the other end of the twisted pair cable.

Temperature/humidity	Storage: -40 to +158 °F (-40 to +70 °C) / 10% to 90%, noncondensing Operating: +32 to +122 °F (0 to +50 °C) / 10% to 90%, noncondensing
Cooling	Convection, vent holes
Thermal dissipation	
Device	TBD BTU/hr
Device and power supply	TBD BTU/hr
Mounting	
Furniture or wall mount.....	Yes, with a 1 gang wall box or mud ring
Enclosure type	Metal
Enclosure dimensions	
Faceplate	2.6" H x 1.3" W x 0.3" D (66 mm H x 33 mm W x 6 mm D)
Device	2.8" H x 1.7" W x 1.9" D (71 mm H x 43 mm W x 48 mm D)

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 weight	TBD lbs (TBD kg)
Regulatory compliance.....	CE, c-UL, UL, CE**, C-tick, FCC Class A**, ICES, VCCI, KCC UL rated for use in plenum airspaces: meets UL 2043 for heat and smoke release, excluding the power supply.

NOTE: **CE and FCC testing is conducted with STP cable.

Product warranty	3 years parts and labor
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NOTE: All nominal levels are at $\pm 10\%$.

NOTE: Specifications are subject to change without notice.

NOTE: Shipping weights and dimensions are available at www.extron.com.

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