

Specifications • DTP3 T 202 (Continued)

Video input

Number/signal type	1 HDMI (or single link DVI-D, with appropriate DVI-HDMI adapters)
Connector	1 female HDMI type A

Video output

Number/signal type	1 single link HDMI or DVI-D* (Loop through)
	1 DTP3 (Output)
Connectors.....	1 female HDMI (loop through)
	1 female RJ-45

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

Audio

Sample rates.....	32 kHz, 44.1 kHz, 48 kHz, 96 kHz, 192 kHz
Bit depths	16, 20, 24 bit

Audio input

Number/signal type	1 digital audio, de-embedded from HDMI
Connectors.....	1 female HDMI type A (shared with video input)
Source formats.....	LPCM up to 7.1/24-bit/192 kHz, Dolby Atmos®, Dolby® TrueHD, Dolby Digital Plus™, Dolby Digital EX, Dolby Digital 5.1, Dolby Digital 2/0 Surround, Dolby Digital 2/0, DTS-HD Master Audio™, DTS-HD, DTS-ES Discrete 6.1, DTS-ES Matrix 6.1, DTS Digital Surround 5.1, DTS 2 Channel

Interconnection between transmitter and receiver

Connector	1 female RJ-45 per unit
Termination standard	TIA/EIA T568B

Signal Transmission Distance (using XTP DTP 24 cable)

1080p @ 60 Hz	Up to 330' (100 m) using shielded twisted pair STP or XTP DTP 24 cable
4K/UHD@ 30 Hz	Up to 330' (100 m) using shielded twisted pair STP or XTP DTP 24 cable
4K/UHD@ 60 Hz ⁽¹⁾	Up to 150' (45 m) using shielded twisted pair STP or XTP DTP 24 cable
	Using 1 coupler with 3' (0.9 m) to 9' (2.7 m) patch cable
	Using 2 couplers with two 3' (0.9 m) (max) patch cables (each patch cable cannot exceed 3')
	Using two punch downs with two 3' (0.9 m) to 9' (2.7 m) patch cables
4K/UHD@ 60 Hz ⁽²⁾	Up to 175' (53 m) using shielded twisted pair STP or XTP DTP 24 cable with no couplers
Cable requirements	Solid conductor, 24 AWG or better
Cable recommendations	400 MHz bandwidth, STP (shielded twisted pair)

Signal Transmission Distance (using XTP DTP 22 cable)

1080p @ 60 Hz	Up to 330' (100 m) using XTP DTP 22 cable
4K/UHD@ 30 Hz	Up to 330' (100 m) using XTP DTP 22 cable
4K/UHD@ 60 Hz ^{(1), (2)}	Up to 330' (100 m) using XTP DTP 22 cable
	Using 1 coupler with 3' (0.9 m) to 16' (4.9 m) patch cable
	Using 2 couplers with 4' (1.2 m) (max) patch cables (each patch cable cannot exceed 4')
	Using two punch downs with 3' (0.9 m) to 8' (2.4 m) patch cables
Cable requirements	Solid conductor, 22 AWG or better
Cable recommendations	500 MHz bandwidth, STP (shielded twisted pair)

NOTE: Extron XTP DTP 22 shielded twisted pair cable is strongly recommended for optimal performance.

⁽¹⁾ With coupler(s), ⁽²⁾ No coupler(s)

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Communications

Control/Remote — Transmitter

USB control port	1 front panel, female USB type C
USB standards	USB 2.0, low speed
Program control	Extron Simple Instruction Set (SIS™) Extron Product Configuration Software (PCS)

Control/Remote — External Device (RS-232 Over TP)

Serial control pass-through ports	1 RS-232, 3.5 mm, 3-pole captive screw connector
Baud rate and protocol	300 to 115200 baud
Protocol	8 or 7 data bits 1 or 2 stop bits No parity (default), even or odd parity
Serial control pin configuration	1 = Tx, 2 = Rx, 3 = GND

NOTE: Protocol is mirrored between the connected DTP3 endpoints and the "Over TP" port. Signals from a control device pass into each "Over TP" port, are embedded with the DTP signal, and sent to the individual DTP3 endpoints for control of remote sink or source devices.

General

Power supply	External (included with Tx) Input: 100 to 240 VAC, 50-60 Hz Output: 12 VDC, 1.5 A, 18 watts
Power consumption	
Device	7.16 watts
Device and power supply	8.10 watts
Remote power budget	18.0 watts

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

Ambient 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, vents on top and sides
Thermal dissipation	
Device	23.49 BTU/hr
Device and power supply	26.71 BTU/hr
Mounting	
Rack mount	Optional 1U high rack shelf
Furniture mount	Optional under-desk mount kit
Enclosure type	Metal
Enclosure dimensions	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	0.6 lbs (0.27 kg)
Regulatory compliance	CE, c-UL, UL, C-tick, FCC Class A, ICES, VCCI Complies with appropriate requirements of RoHS, WEEE
Product warranty	3 years parts and labor
Everlast power supply warranty	7 years parts and labor

NOTE: All nominal levels are at $\pm 10\%$.
Specifications are subject to change without notice.

6544-D11