

Specifications

XTP II CrossPoint® 1600 Enclosure

TRUE 8K specification

| Max. 8K Capabilities | | | |
|----------------------|--------------|-----------------|--------------------------|
| Resolution | Refresh Rate | Chroma Sampling | Max. Bit Depth per Color |
| 7680x4320 | 60 Hz | 4:2:0 | 10 bit |
| | 30 Hz | 4:4:4 | |
| Max. 4K Capabilities | | | |
| Resolution | Refresh Rate | Chroma Sampling | Max. Bit Depth per Color |
| 4096x2160 | 60 Hz | 4:4:4 | 12 bit |
| 3840x2160 | | | |
| 3840x2160 | 120 Hz | | 10 bit |

Frame rate 24, 25, 30, 50, 60, 120, 144, or 240 fps
 Chroma sampling..... 4:4:4, 4:2:2, or 4:2:0
 Color bit depth..... 8, 10, 12, or 16 bits per color
 Backplane throughput..... 50 Gbps per input and output

NOTE: Subject to the maximum data rate limit. Use our calculator (www.extron.com/8KdataRate) to determine video parameters supported by this data rate.

AV routing capabilities

Number of input slots..... 4
 Input video signal format..... HDMI, DVI, 3G-SDI, RGBHV, RGBS, RGSB, RsGsBs, YUV, S-video, composite video, XTP twisted pair, XTP fiber
 Input audio signal format PCM up to 8 ch, Dolby Atmos®, Dolby® TrueHD, Dolby Digital Plus™, Dolby Digital EX, Dolby Digital, DTS-HD Master Audio™, DTS-HD High Res, DTS 96/24, DTS-ES®, DTS, analog stereo
 Number of output slots 4
 Output video signal format..... HDMI, DVI, XTP twisted pair, XTP fiber
 Video output power for active cables 4.5 W total power for all HDMI ports, 1.1 W per HDMI port, max.
 Output audio signal format PCM up to 8 ch, Dolby Atmos, Dolby TrueHD, Dolby Digital Plus, Dolby Digital EX, Dolby Digital, DTS-HD Master Audio, DTS-HD High Res, DTS 96/24, DTS-ES, DTS, analog stereo
 Backplane
 Switcher 16x16 matrix
 Maximum throughput 50 Gbps

Communications – switcher host ports

NOTE: The front panel USB port and rear panel RS-232 port are independent of each other and can be used at the same time.

Serial host control port..... 1 bidirectional RS-232 or RS-422, rear panel female 9-pin D connector

Specifications • XTP II CrossPoint 1600 (Continued)

| | |
|---|---|
| Baud rate and protocol | 9600 (default) to 115200 baud, 8 data bits, 1 stop bit, no parity, no flow control |
| Serial control pin configurations | |
| RS-232 | 2 = Tx, 3 = Rx, 5 = GND |
| RS-422 | 2 = Tx-, 3 = Rx-, 5 = GND, 7 = Rx+, 8 = Tx+ |
| USB control port | 1 front panel female mini USB B |
| USB standards | USB 2.0, low speed |
| Ethernet control port | 1 female RJ-45 |
| Ethernet data rate (for network communication) | 10/100Base-T, half/full duplex with autodetect |
| Ethernet protocol | ARP, ICMP (ping), IP, TCP, DHCP, HTTP, SMTP, Telnet |
| Ethernet default settings | Link speed and duplex level = autodetected IP address = 192.168.254.254 Subnet mask = 255.255.0.0 Default gateway = 0.0.0.0 DHCP = off |
| Web server | Up to 200 simultaneous sessions 7.0 MB nonvolatile user memory |
| Program control | Extron XTP System Configuration Software for Windows® Extron Simple Instruction Set (SIS™) Microsoft® Internet Explorer® ver. 6 or higher, Telnet |

General

| | |
|--|--|
| Power | Internal Input: 100-240 VAC, 50-60 Hz Redundant power supply is standard. |
| Power consumption | 45 to 875 watts, depending on the configuration |
| With primary power supply only | |
| 115 VAC, 60 Hz | 47.0 watts |
| 240 VAC, 50 Hz | 45.0 watts |
| With both primary and redundant power supplies | |
| 115 VAC, 60 Hz | 50.3 watts |
| 240 VAC, 50 Hz | 48.9 watts |
| Remote power capability | Supports up to 28 XTP twisted pair endpoints |
| 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 | Fan, right to left (as viewed from front panel) |
| Thermal dissipation | 154 to 2,986 BTU/hr, depending on the configuration |
| Mounting | |
| Rack mount | Yes |
| Enclosure type | Metal |
| Enclosure dimensions | 8.75" H x 17.0" W x 17.5" D (5U high, full rack wide) (22.2 cm H x 43.2 cm W x 44.5 cm D) (Depth excludes connectors. Width excludes rack ears.) |
| Product weight with boards installed | 39.0 lbs (17.7 kg) |
| Vibration | ISTA 1A in carton (International Safe Transit Association) |
| Regulatory compliance | |
| Safety | CE, c-UL, UL |
| EMI/EMC | CE, C-tick, FCC Class A, ICES, VCCI, KC |
| Environmental | Complies with the appropriate requirements of RoHS, WEEE. |
| Warranty | 3 years parts and labor |

NOTE: All nominal levels are at ±10%.

NOTE: Specifications are subject to change without notice.