

Specifications

XTP II CrossPoint® 6400 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
4096 x 2160	60 Hz	4:4:4	12 bit
3840 x 2160			
3840 x 2160	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 16
 Input video signal format HDMI, DVI, 3G-SDI, 12G-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 16
 Output video signal format HDMI, DVI, XTP twisted pair, XTP fiber
 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 64x64 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
 Baud rate and protocol 9600 (default) to 115200 baud, 8 data bits, 1 stop bit, no parity, no flow control

Specification • XTP II CrossPoint® 6400 Enclosure (Continued)

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: Single Phase, 200-240 VAC, 50-60 Hz
	Redundant power supply is standard.
Power consumption	170 to 3,500 watts, depending on the configuration
Remote power capability	Supports up to 128 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, bottom to top and right to left (as viewed from front panel)
Thermal dissipation	580 to 11,942 BTU/hr, depending on the configuration
Mounting	
Rack mount	Yes
Enclosure type	Metal
Enclosure dimensions	
	35.0" H x 17.0" W x 17.5" D (20U high, full rack wide)
	(89.0 cm H x 43.2 cm W x 44.5 cm D)
	(Depth excludes connectors. Width excludes rack ears.)
Product weight with boards installed	
	180 lbs (82 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.

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

5630-D12