Jupiter

StreamPoint 4K and HD Encoders

Easily stream video and audio data from any remote location on an IP network in brilliant 4K or HD
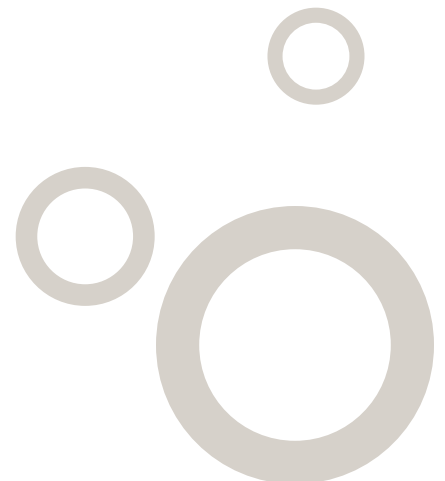
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- 4K or 1080p display resolution

- Supports up to four concurrent 4K streams

- Easily integrates with PixelNet, Canvas, Catalyst, and other display wall products

StreamPoint 4K

StreamPoint 4K is the first encoder in the world to deliver quad 4K input capture and encode with simultaneous support for up to four concurrent 4K streams and recordings. Stream, process, and record on all channels simultaneously, in multiple settings, without sacrificing quality. Built on H.264, StreamPoint 4K fits seamlessly into your existing infrastructure and operates with virtually any network device for high-density content distribution and system scalability, plus flexible setup and management from an easy-to-use StreamPoint software interface and a convenient, rack-ready form.

StreamPoint Software

All StreamPoint devices ship with StreamPoint software, which enables flexible management of local or remote data, ensuring complete reach and control over the entire network. StreamPoint software allows users to remotely discover, manage, and adjust their network, define multiple stream parameters, and balance network bandwidth consumption and quality.

StreamPoint HD

With StreamPoint HD, extend or record up to 1080p video and audio over a standard IP network at user-defined low bit rates for excellent quality and minimal network bandwidth consumption. StreamPoint HD streams or records high-quality video and audio and uses the H.264 video compression standard. It can stream to any device or PC that supports H.264 protocols, and can record to a shared network or NAS drive.

Specifications*

Inputs

	StreamPoint 4k	StreamPoint HD
Video Input Interface	HDMI x4	HDMI
Video Output Interface	HDMI x4	HDMI, VGA
Audio Line-In	3.5 mm x4	3.5 mm
Audio Line-Out	3.5 mm	
Network	RJ45	

Video Encoding

	StreamPoint 4k	StreamPoint HD
Resolution	Up to 2x 3840x2160 (60Hz), 4x 3840x2160 (30Hz)	Up to 1920x 1080 (60Hz) and 1920x1200 (56Hz)
Codec	H.264/MPEG4 Part 10	
Profiles	Baseline (BP), Main (MP) High (HiP), High 1 0(Hi1 OP), High 4:2:2 (Hi422P), High 4:4:4 predictive, profile separate plane (Hi444PP), CAVLC 4:4:4 intra (44)	Main
Levels	Up to 5.2	Up to 4.2
Bit Rates	50 Kpbs to 120 Mbps	1 00Kbps to 25Mbps
Rate Control	CBR, VBR, Favor Speed, Favor Quality, Adjustable GOP Size	

Audio Encoding

	StreamPoint 4k	StreamPoint HD
Codec	MPEG-4 AAC-LC/HEv1/HEv2	MPEG4 AAC-LC
Channels	2 channel stereo, HDMI input	
Analog Frequency	32 kHz. 44.1 kHz, 48 kHz	32,44.1 and 48Hz
Bit Rates	576 Kbps (AAC-LC), 288 Kbps (AAC-HEv1), 144 Kbps (AAC-HEv2)	96,128,192 and 256 Kpbs

Networking

	StreamPoint 4k	StreamPoint HD
Speed	100/1000base-T Ethernet	
Streaming Protocol	RTSP, RTP, RTCP over UDP	
Control	HTTP, HTTPS	
Protocols	Unicast, Multicast, Multi Unicast	

Management Software

	StreamPoint 4k	StreamPoint HD
OS Support	Windows 7 64-bit, Windows 10 64-bit, Server 2012 64-bit	
Security	Password Protected	
Control	Resides on any PC on the same subnet 3.5 mm	

Mechanical

	StreamPoint 4k	StreamPoint HD
Size	8.53 X 7 .45 X 1.68 in. (21.7 x 18.9 x 4.3 cm)	8.5 X 1.02 X 4.0 in. (21.59 x 2.59 x 10.16 cm)
Weight	480g	378g
Rackmount	1 RU Dual density	

Power Supply

	StreamPoint 4k	StreamPoint HD
Voltage	100-240 VAC in, 12 VDC out	100-240V AC In, 5V DC Out
Watt	60W	15W
Connector	DI N4 Locking Power Connector	
Power Cords	US, EU, UK, Aus/NZ	
Regulatory	FCC,CE,RCM,VCCI,KC, ICES-3	CE/FCCNCCI/ICES /C-Tick/KCC Class B, ROHS/WE EE

*Product specifications, terms, and offerings are preliminary and subject to change at any time without notice.