

Matrox® ConvertIP Series

Matrox ConvertIP provides automatic routing, monitoring, and distribution of IPMX, HDBaseT™, and SMPTE ST 2110 signals between SDI or HDMI. With maximum input/output flexibility built into each compact, standalone device, users can easily manage a wide range of media using existing networks and hardware, enable IP-based workflows, and transition to IP infrastructure.



Comparison chart

Model	DSS	DRS	DRH	DSH	SRH	SRST	SRS	SDM
Video Input/Output	SDI	SDI	HDMI	HDMI	HDMI	HDBaseT™	SDI	Integrated SDM video
Resolution	Up to 4Kp60							
I/O Sampling Formats	4:2:2 10 bit YCbCr	4:2:2 10 bit YCbCr	4:2:0 8/10 bit YCbCr, 4:2:2 8/10 bit YCbCr, 4:4:4 8/10 RGB	4:2:0 8/10 bit YCbCr, 4:2:2 8/10 bit YCbCr, 4:4:4 8/10 RGB	4:2:0 8/10 bit YCbCr, 4:2:2 8/10 bit YCbCr, 4:4:4 8/10 RGB	4:2:0 8/10 bit YCbCr, 4:2:2 8/10 bit YCbCr, 4:4:4 8/10 RGB	4:2:2 10 bit YCbCr	4:2:0 8/10 bit YCbCr, 4:2:2 8/10 bit YCbCr, 4:4:4 8/10 RGB
Pass-through	No	No	Yes	Yes	No	No	No	No
Network Connections	2 x SFP28 (10/25GbE) 1 x RJ45 control port (1GbE)	2 x RJ45 (1/2.5GbE) 1 x RJ45 control port (1GbE)	2 x RJ45 (1/2.5GbE) 1 x RJ45 control port (1GbE)	2 x SFP28 (10/25GbE) 1 x RJ45 control port (1GbE)	1 x RJ45 (1/2.5GbE)	1 x SFP28 (10/25GbE) 1 x RJ45 (1/2.5GbE)	1 x RJ45 (1/2.5GbE)	2 x RJ45 (1/2.5GbE) 2 x SFP28 (10/25GbE) 1 x RJ45 control port (1GbE)
Redundant Media Port	Yes	Yes	Yes	Yes	No	No	No	Yes
Independent Control Port	Yes	Yes	Yes	Yes	No	No	No	Yes
ST 2110/IPMX Support	Yes							
HDCP Support	No	No	Yes	Yes	Yes	Yes	No	Yes
PTP Derived Genlock Output	Yes	Yes	No	No	No	No	No	No
Analog Audio	Stereo	Stereo	Stereo	Stereo	No	No	No	No
Daisy Chain Features	Yes	No	No	Yes	No	No	No	Yes
Codec Support	Uncompressed ProAV Colibri Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	ProAV Colibri Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	ProAV Colibri Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Uncompressed ProAV Colibri Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	ProAV Colibri Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Uncompressed ProAV Colibri Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	ProAV Colibri Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Uncompressed ProAV Colibri Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit
Dimensions	7.13 (D) x 7.53 (W) x 1.42 (H) in 181 (D) x 191 (W) x 36 (H) mm	7.13 (D) x 7.53 (W) x 1.42 (H) in 181 (D) x 191 (W) x 36 (H) mm	7.13 (D) x 7.53 (W) x 1.42 (H) in 181 (D) x 191 (W) x 36 (H) mm	7.13 (D) x 7.53 (W) x 1.42 (H) in 181 (D) x 191 (W) x 36 (H) mm	7.13 (D) x 5.5 (W) x 1.42 (H) in 181 (D) x 138 (W) x 36 (H) mm	7.13 (D) x 7.53 (W) x 1.42 (H) in 181 (D) x 191 (W) x 36 (H) mm	7.13 (D) x 5.5 (W) x 1.42 (H) in 181 (D) x 138 (W) x 36 (H) mm	With bracket: 125 (D) x 196 (W) mm Without bracket: 116 (D) x 174 (W) mm
Mounting Options	2 per rack, QuickZip ¹ or Vesa mount	2 per rack, QuickZip ¹ or Vesa mount	2 per rack, QuickZip ¹ or Vesa mount	2 per rack, QuickZip ¹ or Vesa mount	3 per rack, QuickZip ¹ or Vesa mount	2 per rack, QuickZip ¹ or Vesa mount	3 per rack, QuickZip ¹ or Vesa mount	Per SDM-L specifications
RS-232	Yes	Yes	Yes	Yes	No	No	No	No

1. QuickZip - ConvertIP provides on device attachment points to quickly secure the device in temporary installations

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