

Matrox® ConvertIP Series

Matrox ConvertIP transmitters/receivers provide 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
Video Input/Output	SDI	SDI	HDMI	HDMI	HDMI	HDBaseT™	SDI
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
Pass-through	No	No	Yes	Yes	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)
Redundant Media Port	Yes	Yes	Yes	Yes	No	No	No
Independent Control Port	Yes	Yes	Yes	Yes	No	No	No
ST 2110/IPMX Support	Yes						
HDCP Support	No	No	Yes	Yes	Yes	Yes	No
PTP Derived Genlock Output	Yes	Yes	No	No	No	No	No
Analog Audio	Stereo	Stereo	Stereo	Stereo	No	No	No
Daisy Chain Features	Yes	No	No	Yes	No	No	No
Codec Support	Uncompressed Colibri ProAV Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Colibri ProAV Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Colibri ProAV Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Uncompressed Colibri ProAV Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Colibri ProAV Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Uncompressed Colibri ProAV Codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Colibri ProAV 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
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
RS-232	Yes	Yes	Yes	Yes	No	No	No

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

Contact Matrox Video

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