

# 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	Up to 4Kp60	Up to 4Kp60	Up to 4Kp60	Up to 4Kp60	Up to 4Kp60	Up to 4Kp60
Bit Depth and Color Space	4:2:2 10 bit YCbCr	4:2:2 10 bit YCbCr	4:2:0 8/10 bit YCbCr <sup>1</sup> , 4:2:2 8/10 bit YCbCr, 4:4:4 8/10 RGB	4:2:0 8/10 bit YCbCr <sup>1</sup> , 4:2:2 8/10 bit YCbCr, 4:4:4 8/10 RGB	4:2:0 8/10 bit YCbCr <sup>1</sup> , 4:2:2 8/10 bit YCbCr, 4:4:4 8/10 RGB	4:2:0 8/10 bit YCbCr <sup>1</sup> , 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/Control Port	Yes	Yes	Yes	Yes	No	No	No
Independent Control Port	Yes	Yes	Yes	Yes	No	No	No
ST 2110 Support	Yes	Yes	Yes	Yes	Yes	Yes	Yes
IPMX Ready	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Genlock	Yes	Yes	No	No	No	No	No
Analog Audio	Stereo	Stereo	Stereo	Stereo	No	No	No
Daisy Chain Feature <sup>1</sup>	Yes	No	No	Yes	No	No	No
Codec Support	Colibri 4:4:4 JPEG XS 4:2:2 optional Uncompressed	Colibri 4:4:4 JPEG XS 4:2:2 optional	Colibri 4:4:4 JPEG XS 4:2:2 optional	Colibri 4:4:4 JPEG XS 4:2:2 optional Uncompressed	Colibri 4:4:4 JPEG XS 4:2:2 optional	Colibri 4:4:4 JPEG XS 4:2:2 optional Uncompressed	Colibri 4:4:4 JPEG XS 4:2:2 optional
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 <sup>2</sup> or Vesa mount	2 per rack, QuickZip <sup>2</sup> or Vesa mount	2 per rack, QuickZip <sup>2</sup> or Vesa mount	2 per rack, QuickZip <sup>2</sup> or Vesa mount	3 per rack, QuickZip <sup>2</sup> or Vesa mount	2 per rack, QuickZip <sup>2</sup> or Vesa mount	3 per rack, QuickZip <sup>2</sup> or Vesa mount
RS-232	Yes	Yes	Yes	Yes	No	No	No

1. Available in a future software update.

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

### Contact Matrox Video

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