

# Matrox® ConvertIP

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
<b>Video Input/Output</b>	SDI	SDI	HDMI	HDMI	HDMI	HDBaseT™
<b>Resolution</b>	Up to 4Kp60	Up to 4Kp60	Up to 4Kp60	Up to 4Kp60	Up to 4Kp60	Up to 4Kp60
<b>Bit Depth and Color Space</b>	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
<b>Pass-through</b>	No	No	Yes	Yes	No	No
<b>Network Connections</b>	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)
<b>Redundant Media/Control Port</b>	Yes	Yes	Yes	Yes	No	No
<b>Independent Control Port</b>	Yes	Yes	Yes	Yes	No	No
<b>ST 2110 Support</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>IPMX Ready</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Genlock</b>	Yes	Yes	No	No	No	No
<b>Analog Audio</b>	Stereo	Stereo	Stereo	Stereo	No	No
<b>Codec Support</b>	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
<b>Dimensions</b>	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
<b>Mounting Options</b>	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
<b>RS-232</b>	Yes	Yes	Yes	Yes	No	Yes

1. Available in a future software update.

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