Matrox® **ConvertIP Series.**

Matrox ConvertIP is a series of ST 2110/IPMX baseband converters and encoders/decoders. ConvertIP converts SMPTE 2110 and IPMX IP signals to and from HDMI, HDBaseT™, or SDI, and can be configured to support uncompressed and compressed AV over IP signals. Built for diverse applications, each ConvertIP device can be configured as either a transmitter or receiver that can display, monitor, and transmit 4K signals over 1G to 25G networks with zero latency. The IP converters support copper and fiber networks, as well as multiple codecs—such as ProAV and JPEG-XS—for visually lossless compressed and lossless uncompressed video transmission. The complimentary ConvertIP Manager software simplifies multi-unit installation, updates, routing and more.



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 codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	ProAV codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	ProAV codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Uncompressed ProAV codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	ProAV codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Uncompressed ProAV codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	ProAV codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit	Uncompressed ProAV codec JPEG-XS (Optional) 4:2:2 8/10 bit 4:4:4 8/10 bit
Dimensions	D: 7.13 in (181 mm) x W: 7.53 in (191 mm) x H: 1.42 in (36 mm)	D: 7.13 in (181 mm) x W: 7.53 in (191 mm) x H: 1.42 in (36 mm)	D: 7.13 in (181 mm) x W: 7.53 in (191 mm) x H: 1.42 in (36 mm)	D: 7.13 in (181 mm) x W: 7.53 in (191 mm) x H: 1.42 in (36 mm)	D: 7.13 in (181 mm) x W: 5.5 in (138 mm) x H: 1.42 in (36 mm)	D: 7.13 in (181 mm) x W: 7.53 in (191 mm) x H: 1.42 in (36 mm)	D: 7.13 in (181 mm) x W: 5.5 in (138 mm) x H: 1.42 in (36 mm)	With bracket: D: 125 x W: 196 mm Without bracket: D: 116 x W: 174 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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