

SPECIFICATIONS

INPUT

Connector:	HD-SDI: 1 x BNC SD-SDI: 4 x BNC NTSC Video: 4 x BNC NTSC Audio: 4 x 8-pin terminal header
Formats:	HD-SDI: SMPTE 292, 1.485 Gbps SD-SDI: SMPTE 259M, 270 Mbps NTSC: Analog Video
Video & Audio	HD-SDI: 720p & 1080i – Embedded PCM Audio SD-SDI: 480i – Embedded PCM Stereo Audio NTSC: 525 lines per frame – Analog Stereo Balanced Audio

OUTPUT

Connectors:	ASI: 1 x BNC (rear-panel) DVI: 1 x DVI Female (front-panel)
ASI	Standard: DVB-ASI; 50083-9 Data Bit Rate: 270 Mbps
DVI	Standard: WUXGA Resolution: 1920x1200 pixels (16:10 Screen)
Encoding Profile	Video: MPEG-2 HD; ISO 13818-2; 1080i MPEG-2 SD; ISO 13818-2; 480i Audio: Dolby AC-3 (Standard) Dolby 5.1 (Optional)
Closed Captioning:	Encoder Input HD-SDI: EIA-608* and EIA-708* pass-through SD-SDI: EIA-608* pass-through NTSC: EIA-608 pass-through (when present in video) * when appropriate packets are embedded in the SDI transport stream

GENERAL

Dimensions (W x D x H):	19.0 x 16.0 x 3.5 inches (483 x 407 x 89 mm)
Power:	Operator Selectable @ 115 VAC/60 Hz or 230 VAC/50 Hz (Fuse: 3.0 amp, 250 VDC, Slo Blo)
Power Dissipation:	99 W (max)
Weight:	15 lbs (6.8 kg)
Operating Temperature:	32 to 122 °F (0 to 50 °C)
Storage Temperature:	-13 to 158 °F (-25 to 70 °C)
Operating Humidity:	0 to 95% RH @ 35 °C max, non-condensation
Storage Humidity:	0 to 95% RH @ 35 °C max, non-condensation

ALARMS/MONITORING/CONTROL

Alarms:	Encoder over-temperature (via front-panel LED)
Local Monitoring:	Encoder fault condition (via front-panel LED) Multi-channel preview (via front-panel DVI interface)
Local Control:	Not Available
Remote Monitoring/Control:	GUI-based menu via Web browser

RELATED PRODUCTS

Model	Description
AQM	1x1 ASI-to-QAM Modulator; Six modulators in 2RU
HDE-QAM	HDMI-to-QAM Encoder; 1RU
DQMx	4x1 ASI or 8VSB/QAM-to-QAM Modulator; 1RU
SD10E-QAM	10x SD/AV-to-QAM Encoder; 2RU
AV10E-QAM	10x AV-to-QAM Encoder; 2RU
HDE-2H-QAM	2x HDMI/YP _b P _r -to-QAM Encoder; 1RU
HDE-2C-QAM	2x YP _b P _r -to-QAM Encoder; 1RU