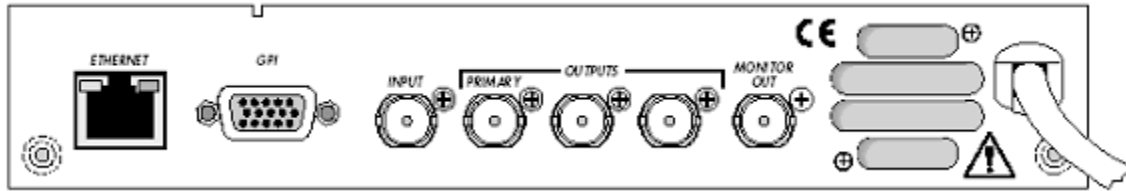


Back Panel



SPECIFICATIONS

- specifications and designs are subject to change without notice

VIDEO

Input Formats:	SMPTE 259M-C, SMPTE 292M, SMPTE296M, and SMPTE274M Including: 525 59.94 Hz 625 50 Hz 1080i 60/59.94/50 Hz 1080p 30/29.97/25/24/23.98 Hz 1080sf 30/25/29.97 Hz 720p 60/59.94/50/30/29.97/29.97 Hz
Connector:	BNC 75 ohms, terminating in 75 ohms
Return Loss:	HD-SDI: >10 dB, 5 MHz to 1.5 GHz SD-SDI: >18 dB, 5 MHz to 270 MHz
Data Format:	HD-SDI: 10-bit 1.5 Gb/s, 4:2:2 component 16:9 aspect ratio, at 75 MHz luminance sample rate SD-SDI: 10-bit 270 Mb/s, 4:2:2 component, 4:3 aspect ratio, at 13.5 MHz luminance sample rate
Internal Processing	16-bit, 4:4:4 component processing
Equalization	HD-SDI: Up to 60 m of Belden 8281 SD-SDI: Up to 250m of Belden 8281
Video Output	Format follows input
Connector:	Three BNC 75½, female, Output 1 relay bypass connected to input
Output Impedance	75 ohms
Output Level:	800 mV p-p ±10% into 75 ohms
Return Loss:	HD-SDI: +/- 10 dB, 5 MHz to 1.5 GHz SD-SDI: +/-18 dB, 5 MHz to 270 MHz,
Level:	800 mV, p-p @10%
CRC:	Fully supported, per SMPTE 292M
Ancillary Data:	User selection to pass or blank. When selected to pass, all ancillary data in vertical and horizontal blanking intervals is passed without modification except for CRC recalculation.
Passive Bypass:	The primary output is passively connected to the input during power loss.
Electronic to Electronic Bypass:	All values pass through from input to output with CRC recalculation
Throughput Delay:	TBD
EDH:	SD-SDI: Fully supported, per SMPTE RP-165

CONTROL

Remote:	RJ-45 female, Ethernet port 10/100 Base-T Web browser interface
GPI:	15-pin High Density D-sub, Selection for HD, SD, RGB and

ADJUSTMENTS

Encoded:	Luma Lower Clip Luma Upper Clip Composite Lower Composite Upper Chroma Amplitude NTSC Setup Level Encoded Clip Softness Vector Clip
RGB:	RGB Maximum RGB Minimum
HD and SD:	Y Lower Clip Y Upper Clip CB Lower Clip CB Upper Clip CR Lower Clip CR Upper Clip Gamut Alarm Mask

MECHANICAL

Dimensions:	
Height:	1.6" (4.1 cm)
Width:	8.3" (21.1 cm)
Depth:	17" (43.2 cm)
Weight :	9 lb. (4.1 kg)

POWER REQUIREMENTS

Power Input:	90 to 264 VAC 50/60 Hz
Power Consumption:	50 VA

ENVIRONMENTAL

Operating Temperature:	0°C to 40°C
Storage Temperature:	-20°C to 70°C
Humidity:	0 to 90%, non-condensing
Operating Altitude:	To 10,000 feet (3,050 meters) above sea level

OPTIONS

860OPT-GMO	HD-SDI or SD-SDI Gamut Monitoring Output. Shows gamut indications on screen. Factory installation required.
860OPT-PA	Proc Amp for HD/SD, software key option
DRT-3:	Dual Rackmount Tray
BLK-3:	Blank filler panel for either side

STANDARD ACCESSORIES

Operator's Manual
Power Cord

