

DE541 SPECIFICATIONS

DECODER HD-SDI INPUT VIDEO CHARACTERISTICS

Number of Inputs	1
Connector	BNC per IEC 169-8
Format	SMPTE 292M 1.485 Gbit/s 1080i, 720p, 720psF, 480p
Input Impedance	75 Ohms
Equalization	Automatic up to 100m @ 1.5 Gb/s w/ Belden 1694 (or equivalent)
Video Input Level	800 mV p-p \pm 10%, Out 1 bypass protected

DATA INPUT CHARACTERISTICS

Data Port	One RS232 serial port, DB9F
Serial Data Format	7 data bits, odd parity, 1 stop bit, settable between 1200-38400 baud

FRONT PANEL CONTROLS & DISPLAY

Power (On/Off)	Push-button switch with integral circuit breaker, white band indicates Off state
Reset	Flush momentary switch resets the encoder

REAR PANEL CONNECTORS

HD In	BNC connector, internal 75 Ohm termination
Data Out	RS232 SPTTE 333M Output port
Power	Standard IEC 60320 non-captive socket 3-wire North American power cord, 7 feet long

PHYSICAL CHARACTERISTICS

Height	1.75 inches (4.4 cm)
Width	19 inches (48.3 cm)
Depth	6 inches (25.4 cm)
Mounting	Designed for rack mounting
Weight	9 lbs. (4.1kg)
Ambient Operating Temp	0° C to 50° C

POWER REQUIREMENTS

Line Voltage	117 VAC 10%
Line Frequency	50/60 Hz
Line Current	0.3 A maximum
Input Power	36 W
Circuit Protection	Internal to On/Off switch, 0.4 A
EMI/RFI	Complies with FCC Part 15 Class A, EU EMC Directive