

Extensor Family HD-Scaler

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HD / SD Converter & Scaler - Multi-Video Inputs

HD Scaler is developed to convert and scale any HD or SD input signals to many outputs signals for use in a variety of different applications. HD Scaler is ideally suited as a front-end converter for non-linear editing (NLE) or as video conversion and scaling tools for live-production or post-production use.

TECHNICAL SPECIFICATIONS

HD Scaler	
BASIC FEATURES	
Power	110-240V AC, 50/60Hz, IEC Power Cable
Form Factor	19" 1-RU rackmount case
Dimensions (L x W x H)	310 x 435 x 45 mm (12.2" x 17.2" x 1.8")
Compliance	SMPTE-259M, SMPTE-292M, SMPTE-424M & SMPTE-425
Video Processing	10-Bit, (YPbPr) 4:2:2
Broadcast Standards	SD: NTSC / PAL HD: 1080i / 1080p / 720p
VIDEO SPECIFICATIONS	
Digital Inputs	2x HD/SD-SDI (1 BNC) 1x SD-SDI (1 BNC) 1x HDMI (Typ A)
Analog Inputs	1x HD/SD YbpPr (3 BNC) 1x Composite (CVBS) (1 BNC) 1x S-video (Y/C) (1 x 4 pin Mini-DIN)
Digital Outputs	2x HD/SD-SDI (BNCx1) 1x SD-SDI (BNCx1) (preview) 1x HDMI (Typ A)
Analog Outputs	1x SD/HD YbpPr (3 BNC) 1x Composite (CVBS) (1 BNC) 1x S-video (Y/C) (1 x 4 pin Mini-DIN)
Reference Input	Blackburst or Tri-Level Sync (1 BNC) 75 Ohm or High-Z with Loop Through
Full frame TBC	Yes
AUDIO SPECIFICATIONS	
Digital Inputs	SDI / HDMI (8 channel embedded) AES / EBU (1 BNC) (Dual channel)
Analog Balanced Inputs	Terminal Block, 20 kΩ (Dual channel)
Analog Unbalanced Inputs	Cinch, 10 kΩ (Dual channel)
Digital Outputs	SDI / HDMI (8 channel embedded) AES / EBU (1 BNC) (Dual channel)
Analog Balanced Outputs	Terminal Block, 20 kΩ (Dual channel)
Analog Unbalanced Outputs	Cinch, 10 kΩ (Dual channel)
CONTROL / COMMUNICATION	
Control-RS-422	1x DB9F for VTR control via SDK
Control-RS-232	1x USB Typ B Slave only
Network I/O	Ethernet 10/100BaseT (RJ45) Web server
RESOLUTIONS & FRAME RATES SUPPORTED	
1080PsF at 23.98 / 25 / 29.97 frames by second 1080p at 23.98 / 25 / 29.97 / 50 / 59.94 / 60 frames by second 1080i at 29.97 frames by second 720p at 50 / 59.94 frames by second 576p at 50 frames by second 480p at 59.94 frames by second PAL at 50frames by second NTSC at 59.94 frames by second	

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