



Connections	Intensity™	Intensity Pro™
Digital Video Input	1 x HDMI input.	
Digital Video Output	1 x HDMI output.	
Supported HDMI formats	525 NTSC, 625 PAL, 720HD and 1080HD switchable.	
HDMI Audio Input	2 Channels.	2 Channels.
HDMI Audio Output	2 Channels.	2 Channels.
Analog Video Input	None	Component, NTSC, PAL or S-Video.
Analog Video Output	None	Component, NTSC, PAL or S-Video.
Analog Audio Input	None	2 Channel RCA HiFi audio in 24 bit.
Analog Audio Output	None	2 Channel RCA HiFi audio in 24 bit.
SPDIF Audio Output	None	2 Channel 24 bit.
Device Control	None. Use FireWire if capturing from HDMI cameras.	
Updates	Firmware for cards built into software driver. Loaded at system start, or via updater software.	
Standards		
HD Format Support	1080i50, 1080i59.94, 720p50 and 720p59.94.	
SD Format Support	625/25 PAL and 525/29.97 NTSC.	
HDMI Video Sampling	4:2:2.	
HDMI Color Precision	4:2:2.	
HDMI Color Space	YUV 4:2:2.	
HDMI Audio Sampling	Television standard sample rate of 48 kHz and 24 bit.	
Card type	PCI Express 1 lane, compatible with 1,4,8 and 16 lane PCIe slots.	
Processing		
Colorspace Conversion	Hardware based real time.	
HD Down Conversion	Real time 1080HD and 720HD to standard definition during video playback. Real time standard definition to 1080HD and 720HD during video capture.	
Real time effects	Apple Final Cut Pro™ internal effects on Mac OS X™. Adobe® Premiere Pro® internal effects in DV, MJPEG and uncompressed edit formats.	