Technical Specifications

	4Caster Enterprise 2001	4Caster Broadcast 3500
Input		
Video	Analog composite (PAL/NTSC) S-Video	
		SDI - Serial Digital Interface (625 /525) IEEE 1394 DV Component
Audio	1 Channel (1 stereo or dual mono)	3 channels (3 stereo or dual mono)
	Analog Balanced (XLR) Analog Unbalanced (RCA)	
		Digital AES/EBU SDI embedded
Output		
File Output	MPEG-4	
IP	RTP/UDP Variable packet size ISMA compliant multicast/unicast IP streams SDP file	
	1 x Ethernet (10/100 Base T)	2 x Ethernet (10/100 and 100/1000 Base T)
Encoder		
Video	CIF to CCIR-601 resolution (720 x 480/576 pixels) MPEG-4 SP levels 0-3	
	MPEG-4 ASP levels 0-4 Upgradeable to H.264 baseline level 1-2 Data rate: 20 kbps to 4 Mbps	MPEG-4 ASP levels 0-5 H.264 baseline level 1-2.2 H.264 main level 1-2.2 Data rate: 20 kbps to 6 Mbps
Audio	1 stereo or dual-mono channel	3 stereo or dual-mono channels
	MPEG-4 AAC-LCD	
	Upgradeable to HE-AAC	MPEG-4 HE-AAC (with Parametric Stereo)
Supported Standards	ISMA version 1 profile 0 and 1 Upgradeable to ISMA version 2 Profile 2	
Advanced Processing	ISMA version 1 profile 0 and 1, upgradeable to ISMA version 2 profile 2 Video adjustments (brightness, contrast) Frame resizing, frame subsampling Low delay mode Noise filtering Scene change detection with adaptive GOP Inverse Telecine Error resilience (MPEG-4) Advanced output rate control with bandwidth smoothing	
	Deinterlacing	Motion compensated temporal filtering and deinterlacing
Advanced Features		Close caption support
	Integrated video recorder Store and forward	
Control		
Local	Front-panel LCD control Pre-programmable setups	
Remote	Web-based management SNMP control MIB and monitoring (control and redundancy available with 4Manager) Available API for remote control	
Physical and Power		
Dimensions	1RU 483 mm (W) x 508 mm (D) x 45 mm (H) 19" (W) x 20" (D) x 1.75" (H)	1RU 483mm (W) x 508 mm (D) x 45 mm (H) 19" (W) x 20" (D) x 1.75"(H)
Weight	8 kg (18 lb)	12 kg (26 lb)
Power Supply	100-240 VAC auto-ranging, 150 W maximum	
Operating Conditions	Ambient temperature Operating temperature: 0 to 50° C (32 to 122° F) Non-operating/storage -40 to 70° C (-40 to 158° F) Relative humidity Non-operating: 95% at 30° C (86° F) no-condensing	