

Multi-Channel HD Video Product Feature Comparison

Feature	Alcorn McBride HD Binloop	Doremi MCS-HD Server	Notes
# Video Channels	Up to 8	2 Maximum	Alcorn HD Binloop scaleable from 2 to 8 Video Channels (Adding channels DOES NOT limit bitrate capability of other channels)
Storage Media	Solid State Compact Flash (No Moving Parts)	Ultra Wide SCSI Hard Drive (Internal) RAID-5 Hard Drive array (external)	
Video Compression Format	<ol style="list-style-type: none"> 1) Microsoft VC1 MP@HL WMV9) 2) AP@L3/H.264(MPEG-4 part 10) main & high profile level 4.1 3) MPEG-2 MP@HL 	JPEG2000 Only- Must record from digital or analog source directly into device.	Transport, Program, and Elementary streams supported
Audio Format	<ol style="list-style-type: none"> 1) WMA-9, WMA-9 PRO 2) MPEG-1 Layer I/II 3) MPEG-2 Layer II, MPEG-2 AAC 4) MPEG-4 AAC LC2-channel/5.1 channel 5) MPEG-4 AAC+SBR 2-channel/5.1 channel 6) Dolby^R Digital EX, Pro Logic^R II, MLP and DTS^R 	Uncompressed Only- Must record from digital or analog source directly into device.	
Digital Audio/Video Outputs	<ol style="list-style-type: none"> 1) HD-SDI w/embedded Audio 2) HDMI 3) AES/EBU 	Embedded Audio in HD-SDI Optional AES/EBU Optional No HDMI Option	
Analog Video Outputs	Component/RGB (selectable) CVBS (simultaneous down-converted)	No analog HD Component or RGB (digital HD-SDI only) CVBS (separately-decoded output)	Alcorn HD Binloop CVBS output is down-converted version of HD and not a separate bitstream.
Video Sync Input	Bi/Tri Level	Bi/Tri Level	
SMPTE	Balanced Input & Output (Selectable Output Level & Frame rate)	Balanced Input & Output	
Front Panel	VFD Display w/Menu Wheel	LCD Display w/Menu Wheel Optional LCD Panel	
Control Interfaces	RS-232C – Pioneer DVD & Alcorn Protocols 10/100BT Ethernet (UDP Control) MIDI – Midi Show Control Protocol Internal SMPTE Triggered Playback Parallel (Contact closure) Control (8 Inputs)	RS232 – Panasonic & Pioneer DVD RS422 – P2, Odetics, FDCCP(Louth) 10/100BT Ethernet Parallel Control (4 Inputs)	
Dimensions	3RU – 5.25”Hx17”Wx10.00”D	3RU – 5.25”Hx17”Wx15.25”D	
Power	90 to 135VAC 60Hz or 180 to 265VAC 50Hz autosense 350W	115VAC/230VAC 5/3A 60/50HZ	