

Proxima™ Encoder



- Video server based on software codec
- Support up to 4 channels playing and recording
- Playback : Back-to-back / Tape out / Take mode
- Recording : Instant / Schedule / VCR mode

- Proxima™ Encoder digitizes baseband signals into the common broadcasting formats; XDCAM HD, DVCPRO-HD, AVC-Intra and others.
- Proxima™ Encoder also supports the play mode from the video files into baseband signals . This play back features can be utilized as the insert movie players for live broadcasters or it can also be working as a video player with playlist with multiple files.



DVD / Video Server



Satellite / Cable



VCR

Proxima Encoder



encoding



decoding



Play out



Tape out

Features

* Features

- In/Out selection for 4 channels – Each channel can be configured as PLAY/RECORDING mode.
- Software codec support
 - XDCAM MXF/IMX MXF
 - DVCPRO/AVC-Intra(Optional)
- Recording mode
 - VCR mode/Schedule mode/Instant recording mode
- Play mode
 - Tape Out mode/Back-to-back mode/Take mode
- Mini CMS(Optional) – Simple Search/Browse Support
- External Storage support : iSCSI, SAN and other fast storages



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Recording Mode

- VCR mode : Encoding with controlling VCR to set up Mark In/Out
 - Schedule mode : Recording starts/ends by Time of Day
 - Instant mode : Recording starts/ends by users' trigger
- Codec Expansion Support
- Any Codec based on MS DirectShow, can be supported
 - Default SONY Codec (SD, HD) / DV, AVC codecs are available as optional purchase
- Proxy Recording Support
- Proxy movie(in low resolution) in h.264/AAC/mp4 can be generated at the same time

Play Mode

- Take mode : Play file by file to insert video clip as an insert clip or reference clip.
- Tape out mode : Record file into Tape with controlling VCR
- Back-to-back mode : Video clips will be played continuously
- Video conforming
 - Videos with the different resolutions/frame rates can be conformed automatically.
 - Better Picture quality through post processing such as Deinterlacing
- Timeline style Track bar

System Requirements

	Requirements	Comments
OS	Microsoft Windows® 7	
Processors	Intel or AMD CPU with 8 cores or more and faster than 2.5 Ghz clock.	1 CPU per 2 cannels
Memory	16 GB or higher	
Disk Space	25GB/hour is required for XDCAM HD. Disk space requirement can be changed by formats and intended storing hours of video	
Disk Performance	4 SATA is needed to record 4 channels at the same time. External RAID can be supported.	
IO Board	Blackmagic Design Decklink Series Bluefish 4:4:4 and AJA board	
RS422 Controllers	Control, MOXA or other RS422 controllers	USB Type not recommended