



GRANITE PRECISION INC.

Advancing Technology in the Entertainment Industry

Integrated Media Server: Video

Standard Definition Video Modules:

- NTSC / PAL Resolutions: Composite, S-Video, RGB, YPbPr, and SDI out
- Up to 16 channels of video per IMS
- Up to **50Mb**/sec each channel
- Up to 8 channels of AES-3, balanced, or unbalanced audio channels

High Definition Video Modules:

- 1080i, 720p, and other resolutions available: DVI, RGB, RGBHV, YpbPr, and HD-SDI out
- Change Output Formats, Resolutions, and Interlacing on-the-fly!
- Up to 6 channels of video per IMS
- Up to **80Mb**/sec each
- Up to 12 channels of AES-3, or unbalanced audio channels

Video Features:

- MPEG2 Format
- Play video with as little as one command, programmed the same way as audio, lighting, etc.
- Playlist up to 1024 files, and Dynamically edit seamless playlists *even while playing them*.
- Will take almost any MPEG file, regardless of encoding method or encoder. The software dismantles and inspects data *on-the-fly*, to ensure the data is formatted properly
- Seamlessly Loop files as small as 5 frames with audio or 1 frame with no audio
- On Screen Display (OSD) capabilities
- Still Picture Display capabilities
- Dynamically load and unload files into memory instead of using the hard disc
- Mix and Match Standard and High Definition Video channels
- Absolute frame/field accuracy
- Seamlessly connect files, or seamless cut into or out of the middle of a file
- Tight-knit status and monitoring for sophisticated branching
- Real-Time Hardware Fading to Black
- Plays both Constant Bitrate Video (CBR) and Variable Bitrate Video (VBR)
- 4x3 aspect ratio, pan-and-scan, or native 16x9
- Both SD and HD are genlockable, and genlockable to each other!
- Files can be encrypted, preventing unauthorized use elsewhere