

REELTIME PLUS™

SINGLE MPEG-2 PCI DECODER CARD

FEATURES

- ½ length PCI Card
- Composite, S-Video or RGB outputs
- Genlock & A/V Switching Option
- NTSC or PAL
- Balanced audio output
- VGA Overlay via PCI bus
- Software volume and tone control
- Supports Windows NT

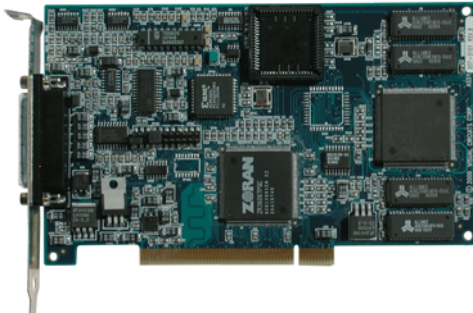
BENEFITS

- Robust design for commercial applications
- Software compatible with complete Visual Circuits product line
- Bundled software for immediate usability
- Low cost, high performance

The ReelTime Plus, formerly MPEG Plus, is available as a single channel MPEG-2 playback card for PC compatibles. Capable of decoding composite, S-video or RGB outputs, with balanced stereo audio. The ReelTime Plus fits into a wide variety of digital video applications and includes an extensive development library with Windows NT. On-screen display allows graphics or test information to be laid over on the video and varying degrees of transparency for menuing and highly interactive applications. Software-based audio volume and tone control is also featured.

A genlock / video-switching option allows the card to genlock to an external composite video source, while providing seamless software A/V switching between external and internal video and audio.

Developed for industrial-strength commercial applications, the ReelTime Plus offers a unique mix of features, reliability, flexibility and price. Control of this card is achieved through use of the Software Developer's Kit (SDK), through a serial (RS-232 or RS-422) command library, through parallel port commands or through a TCP / IP command library. The ReelTime Plus SDK is compatible with the SDK of Visual Circuits' 4-channel MPEG-2 decoder PCI cards and the ReelTime 4. Accordingly, custom software applications for the ReelTime Plus can migrate quickly using the ReelTime 4.



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ReelTime Plus Specifications

PLAYBACK RATE	30fps NTSC; 25fps PAL
VIDEO OUTPUT	Composite, S-video, RGB (Sync: TTL Composite and HV)
AUDIO OUTPUT	MPEG-1, MPEG-2 stereo CD-quality balanced stereo audio (MUSICAM); software volume & tone control
VIDEO STANDARDS	NTSC or PAL software selectable
AUDIO / VIDEO DECOMPRESSION	MPEG-1 ISO 11172 and MPEG-2 ISO13818 audio, video and system bit streams; Decodes Main Profile at Main Level MPEG-2 streams; Decodes program or elementary audio and video streams
GENLOCKING	Option genlocks to an external video source; includes an A/V switch that selects MPEG-2 or external audio/video source
CHIPSET	LSI 64002 MPEG decoder, 2MB RAM per channel
MAXIMUM BIT RATE	15 Mbps
ON-SCREEN DISPLAY	16 color GIF from 65K palette: Adjustable transparency levels
OPERATING SYSTEM	Supports Windows NT 4.0
A/V BREAKOUT OPTIONS	BNC, S-video, terminal post audio

SOFTWARE OPTIONS

SOFTWARE DEVELOPER'S KIT	A complete C programming library with sample source code for video and audio playback, and genlock and A/V switch control.
VIDCOM AND VIDTCP	Complete serial command library (RS232 or RS422) & TCP/IP command library
VIDSERVE	A Windows NT application providing immediate usability with playlist creation and testing functions
POPUP / POPDOWN	A Windows NT application that provides time/day scheduled play list creation and remote content and playback management. Used in retail "Point-of-Purchase" applications.

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