



8 Channel H.264 PCI DVR Card

The NVA-800 represents the cutting edge in professional DVR Card design.

Input Capabilities

240FPS D1 means that NVA-800 captures and records 8 standard definition, full resolution (720 x 486) NTSC or PAL video signals at the full 30FPS each, using state of the art H.264 High Profile compression, with dual stream video encoding. In addition, the NVA-800 records 4 CD quality channel-programmable audio signals using AAC, and features a serial and alarms I/O block for accessory control.

Output Functionality

Brandywine's NVA-800 makes a statement by featuring the highest output quality of any DVR Card on the market today. The High Definition HDMI interface displays full 1080p (1920 x 1080) allowing six full D1 cameos (or 24 CIF cameos) of multiplexed video. The NVA-800 features triplex functionality, so users can view live images, record, and playback simultaneously.

Software Functionality

Included with the NVA-800 is an advanced software package that allows network configuration, video configuration, beautiful video compositing with full featured 1920x1080 on-screen display including 32 bit alpha blending. The OSD features 1x, 2x, 8x,

8x+ tile modes plus sequencing, picture-in-picture, and scaling. NVA-800 features video analytics, motion detection with sensitivity controls, and serial I/O for PTZ control or point of sale integration. Robust SHA Watermarking complies with the highest standards for law enforcement authentication.

Most importantly, the cutting edge high profile hardware based video compression allows your software to focus on recording video and metadata, content management, and presentation, instead of burdening your CPU resources with computationally expensive software compression. Furthermore, the NVA-800 is also a very capable MJPEG/MPEG2/H.264 decoder and display processor, so you can use it to offload decoding and for compositing video channels recorded or received live from multiple IP Cameras.

Brandywine's NVA-800 is the ideal complement to your IP Camera / NVR solution, or a powerful enhancement to your PC based DVR. Contact Brandywine Communications today for ODM opportunities.