

Product Information

vnmatrix ***RECORDER***

Record and playback multiple data / graphic computer images, high-definition video, audio and data

VN-MATRIX Recorder is network attached storage (NAS) used to digitally record and playback high-definition computer graphics, video, audio and data interfaced through VN-MATRIX network interfaces.

VN-MATRIX Recorder accepts a wide variety of analog and digital inputs: computer graphics up to UXGA, radar, sonar, sensors, high-definition and standard definition video, audio and data streams. All video, audio and data signals include time-code, supporting audio-video lip-sync and synchronized playback of images originally presented on multiple screen displays.

Wavelet compression algorithms provide visually lossless image quality for all source inputs. Imagery is recorded and played back maintaining the native resolution, motion, detail, contrast and color depth for high-definition video and high-resolution computer data screens such as UXGA. This is critical to training, simulation, after action review, forensic and post-event analysis of scientific and visualization imagery.

VN-MATRIX Recorder provides far more efficient use of storage space than uncompressed recording systems. Networked storage architecture makes systems highly scalable, flexible and cost effective. Storage capacity can be increased or decreased based on the number of inputs, recording time and archiving requirements.

Solutions incorporating VN-MATRIX and VN-MATRIX Recorder also provide the capability to interface and distribute live content broadly across LAN, WAN and VPN connections for broader collaborative solutions.



Typical 3.0 Terabyte Recorder Frame