
SigiSTAR and Profile



Digital video disk system

The SigiSTAR system series has been designed to use uncompressed 601-video data with D1 standard or as also 16:9 format (up to 360 Mbit/s). A 8 bit technique or optional also 10 bit for image data storage with 4:2:2:4 is used.

SigiSTAR is able to handle stills, video clips or sequences with and without a full linear key channel. Many productions like news or sport events don't need the highest image quality. More important is it in this case to get a very high storage capacity for clips to be used for direct on air and live productions. If Digital BetaCam quality is sufficient the SigiSTAR Profile can be the right choice for your application.

In this system series we integrated the Thomson Grass Valley PROFILE video server, to be used for stills or clips storage. The comfortable user interface SigiStudio of SigiSTAR is also available for this system. An operator does not need additional training, working with uncompressed and compressed SigiSTAR components. The SigiSTAR PROFILE is also connected to comfortable the

SigiStudio media/image archive. Stills and video clips can be transferred via network, using Profile's high speed Fibre channel interface for fast accessing rates.

It is possible, to use editor's workstation' to search for images/clips and start a direct transfer of the results to a selected video production system. The SigiStudio INTERSERV internet option for image selection is supported by these systems, too. SigiSTAR PROFILE independently handles video clips with sound on 2 channels with corresponding key channels (together 4 channels). The system provides a full 2 channel with key production system functionality with a start up playtime of 90 minutes or more using 24 Mbit/s data transfer rates. Profile supports 8 bit data streams with JPEG-coding. PROFILE XP supports MPEG-2 coding, using SigiStudio software for up to 6 channels synchronous parallel Playout of video clips. PROFILE XP supports DVC PRO format for image coding, the new industrial standard.

In combination with SigiSTAR video systems it is possible to use uncompressed D1 images from the SigiSTAR video RAM together with compressed Profile sequences. SigiSTAR with integrated Audio support and Profile video servers is your solution for standalone Playout applications.

