

*Pure, Uncompressed
Test Sequence Generation
for Definitive
Workflow Evaluation*



The generation of pure test sequences is vital to evaluating digital video workflow. To achieve this result, users require an uncompressed video clip player to discern various digital video artifacts. Sarnoff offers one simple solution for complex video sequence generation. The TSG-1™ is an uncompressed video playback device capable of outputting video test sequences in their pure form. It enables accurate testing of your digital video workflow, and is a cost-effective alternative to other uncompressed playback solutions on the market.



Features

- » RAM-based playback of uncompressed 10-bit video
- » Supports multiple formats and frame rates
- » 15-second looping play-out of 1920 x 1080i at 29.97
- » Storage capacity of more than 5 minutes of uncompressed HD
- » Easy-to-use GUI for selection of test patterns
- » May be pre-loaded with licensed Sarnoff test patterns
- » Accepts user-generated content
- » SD/HD-SDI Output
- » 2-channel 24-bit AES Audio (one pair)
- » 8-channel embedded audio (SD)
- » 16-channel embedded audio (HD)
- » Genlock input

Applications

- » Content Creation/Acquisition
- » Post Production
- » Transmission
- » Distribution
- » Presentation
- » Remotes
- » Backhauls
- » ENG/Sports Trucks

Formats

- » 2K
2048 x 1556 at 24 fps and 23.98 fps
- » HD
1080PsF23.98/24
1080i48
1080i50
1080i59.94
720p59.94
720p60
720p50
- » SD
625/25 PAL, 525/29.97 NTSC and
525/23.98 NTSC
- » Sampling
4:2:2 YUV and 4:4:4 RGB
- » Bit Depth
10-bits