



The NanoSDI is capable of playing uncompressed or codec-based media, from a 1U rackmount Delta Media Server. It is available in three hardware configurations: NanoSDI-1, NanoSDI-2 and NanoSDI-4K.

Performance and Media

- TGA and .7th sequence playback for fully uncompressed media playback
- Codec playback including MPEG-2, M2V, MP4 and many more¹

Display Matching

- Flat or curved screens from comprehensive real-time warp and blend, including MPCDI support
- Resource or channel-based colour control

Control

- Simplified web browser-based UI option for simple playlist-based configurations, or full DeltaGUI control for more complex applications
- Playhead synchronization across multiple servers via network
- Genlock input for accurate clock synchronization across multiple servers
- ASCII text-based external control via TCP/UDP/RS232*, plus internal macro scripting and ArtNet/DMX* command value mapping
- Web control over playback and playlist creation, plus user-created control web pages
- Network-based preview to Chrome or Firefox browsers (using WebRTC streaming)

Technical Specification

- LTC timecode chase using line input
- Networking: Gigabit Ethernet over 2 × RJ45 ports (1 × control, 1 × available for timing or audio)
- Front panel health status plus control over playback
- 1RU 19-inch rackmount, 321 mm-deep chassis with removable front panel air filter
- USB 3.0 for easy loading of media. Media can also be loaded over NIC.
- Audio output option—8 channels AES audio2 or 6 channels unbalanced analog or 16 channels Dante
- NanoSDI-1 provides a single 3G-SDI output, details below
- NanoSDI-23 provides 2 × 3G-SDI outputs and NanoSDI-4K3 a single 6G or 12G-SDI output capable of 4K 30p or 60p

Model	Video Output Options	Layers	Storage ²
NanoSDI-1	1 × 3G-SDI output used as HD30 or 60p 1 × 2K 30p compressed 1 × 2K 30/60p uncompressed	1	100 GB as standard Options up to 3.8 TB

¹: Use of codecs subject to test / approval by 7thSense

²: RS422 and AES Audio not available for all models

³: Please contact 7thSense for further details of NanoSDI-2 and -4K models