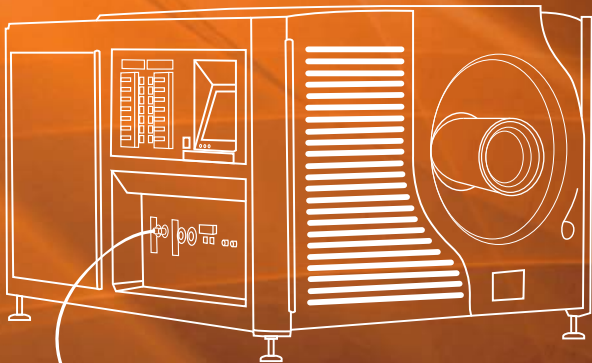


SR-1000

Integrated Media Block™ with S1 Kit Plus

The only solution to extend the life of your Series 1 DLP Cinema® projectors

Series 1 DLP Cinema Projectors



Series 2, 3, 4 DLP Cinema Projectors



SR-1000 IMB for Series 1, 2, 3 and 4 DLP Cinema Projectors



- S1 Kit Plus is a physical enclosure for SR-1000 IMB and provides cooling, power, enterprise storage up to 16TB and necessary interfaces to be able to communicate and work with all Series 1 DLP Cinema projectors.
- Depending on the particular circumstances, SR-1000 IMB with S1 Kit Plus can help extend the life of Series 1 projectors.
- SR-1000 IMB with S1 Kit Plus is the only future-proof, ultra-reliable solution for exhibitors to replace a failed Series 1 projector's media server.
- When replacing a Series 1 projector, the SR-1000 IMB detached from S1 Kit Plus seamlessly plugs into Series 2, 3 or 4 DLP Cinema projectors. Need 4K? Need sound processor? Check with your GDC sales representative for upgrade options before integrating with your new projector.
- The SR-1000 IMB is the company's 6th generation digital cinema media server, which is designed for near-zero maintenance and minimal total cost of ownership. SR-1000 is SGS certified for 100,000 hours MTBF.

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SR-1000 with S1 Kit Plus

Key Benefits

1

CineCache™

The SR-1000 IMB is designed with diskless CineCache (built-in cache memory). Content ingest and playback can be performed concurrently without local HDD storage. Incredibly fast ingest during playback.

2

Dedicated and flexible storage solution

The S1 Kit Plus comes integrated with Enterprise Storage providing large storage options of up to 16TB of redundant hot swappable storage². The hot swappable data drive on GDC Enterprise Series Storage can easily be attached or detached, making it possible to quickly switch content from one screen to another. The Enterprise Storage can still be used after Series 1 projector is replaced with another series projector.

3

Supports the playback of thousands of movies

Take full advantage of show scheduling with Ultra Storage technology which enables the playback of over 2,000 movies when combined with Cinema Automation CA2.0. No ingest of content is needed for SR-1000 with S1 Kit Plus playback, eliminating content management operation.

4

High reliability

With built-in embedded power electronics used in medical and military products, the overall system stability is ensured. SR-1000 is SGS certified for 100,000 hours MTBF.

5

Compatibility with Series 1, 2, 3 and 4 projectors

The SR-1000 IMB with S1 Kit Plus seamlessly integrates with Series 1, 2, 3 and 4 projectors including Barco, Christie and NEC to ensure highly reliable and secure content delivery.

6

User-friendly and intuitive web-based user interface with built-in wireless access

The web-based UI is user-friendly and intuitive. With drag-and-drop, filtering and navigating functions, operators can easily switch between tabs or pages. Other than accessing the UI through a computer or a laptop, wireless access is also enabled by using mobile devices such as a smart phone or a tablet.

Technical Specifications

System Interfaces (IMB)

- 2 x Gigabit Ethernet (1GbE/RJ-45)
- 1 x eSATA 6 Gbps
- 2 x USB 3.0 (A-Type Female)
- 1 x BNC (video sync input)
- 2 x BNC (video output)
- 1 x HDMI® 2.0 (alternative content input)
- 8 x GPI (2 x RJ-45)
- 8 x GPO (2 x RJ-45)

System Interfaces (Case)

- 1 x Gigabit Ethernet (1GbE/RJ-45)
- 1 x eSATA 3 Gbps
- 1 x USB 3.0 (B-Type Female)

Audio Output

- 24-bit AES3, 16 channels, 48/96 kHz (2 x RJ-45)

DCP Playback

- DCI-compliant
- JPEG 2000¹ – 2K - 24, 25, 30, 48 (2D)
2K - 24 (3D)
- MPEG-2/MPEG-4 – SD/HD
- SMPTE Digital Cinema Package (DCP), Interop DCP

Video Processing Features

- Color-space conversion – supports YCbCr709, REC 709, XYZ², YCxCz
- Deinterlacing
- Support 4K DCPs with 2K output

Control

- Web-based graphical user interface
- Cinema Automation – CA2.0
- Automatic playlist programming – CA2.0

Security

- NexGuard® forensic watermarking
- FIPS 140-2 (Level 3 security certified)
- Texas Instruments Cinelink II™ link encryption

Third-party Integration Options

- Third-party TMS
- Third-party 4D systems

Subtitles

- Subtitle overlay
- TI CineCanvas™ support (Projector Subtitles)

Power Requirement

- 100 to 240V, 63 to 47Hz, 2/4.5A

Power Consumption

- Less than 170 W

Storage Option

- Internal – Redundant hot swappable (RAID 5) 2TB-16TB²
- Option – Ultra Storage – CA2.0 Centralized Storage Server

Closed Captioning Device

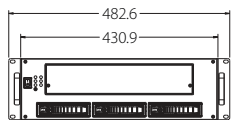
- Support SMPTE430-10

Physical & Environmental

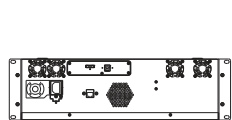
- Dimensions – 482.6 (W) x 454.3 (D) x 133.5 (H) mm
- Weight (including SR-1000) – 15.7 kg
- Operating temperature – 0°C to 40° (32°F to 104°F)
- Operating humidity – 20% to 90%, non-condensing
- Maximum operating altitude – 10,000 ft. (3,000m) above sea level³

Technical Drawing

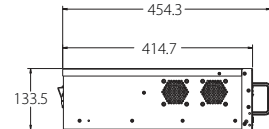
Front View



Back View



Side View



Unit (mm)



¹ Check with GDC on specific frame rate & resolution support

² Depending on storage option - please check with GDC Technology sales representatives

³ Depending on specification of the hard disk