SR-5520

Standalone Integrated Media Block™

HDR and HFR ready. Seamlessly integrates with the world's leading direct view displays for high-performance LED cinemas.

GDC Technology is recognized globally as a leader in Integrated Media Block (IMB) technology. The SR-5520 LED IMB integrates seamlessly with the world's leading direct view cinema LED screens*.

The SR-5520 IMB meets the High Dynamic Range (HDR) specification. It is built on the same award-winning, ultra-reliable IMB framework with Flexible Architecture Stable Technology (FAST) for advanced cinematic LED screen imagery. The SR-5520 IMB supports High Frame Rate (HFR) playback of DCP content in 4K at 96 frames per second, as well as 3D movies in 4K at 48 frames per second per eye.

The SR-5520 IMB features a robust architecture and is the next generation of GDC's ultra-reliable SR-Series, designed for near-zero maintenance and minimal total cost of ownership.

* Contact GDC for the latest list of cinema LED screens compatible with the SR-5520 IMB.
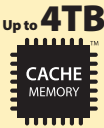
Key Benefits

1

Different options to optimize storage capacity to improve content access and processing speeds.

CineCache™

The SR-5520 IMB is provided with 2TB/4TB CineCache built-in solid-state storage options. Content playback can be performed without the need for local HDD storage.

Up to **4TB**

CACHE MEMORY

External Storage

Exhibitors can expand the local storage with PSD-4000-SSD portable storage up to 6TB, Enterprise Storage, or Enterprise Storage Plus up to 32TB.

Up to **6TB**

Supports the playback of thousands of movies

Take full advantage of Ultra Storage technology combined with Cinema Automation CA2.0, enabling playback from a selection of over 3,000 movies and automated show scheduling.

ULTRA storage

2

Compatibility with major cinema LED displays

The SR-5520 IMB integrates seamlessly with the world's leading direct view cinema LED screens*.

3

Playback of HFR and HDR content

The SR-5520 IMB meets the HDR specification and HFR playback of 4K content at 96 fps, ensuring advanced cinematic imagery beyond DCI requirements.

4K HFR

4K 3D

4

High reliability

The SR-5520 IMB incorporates embedded power electronics used in medical and military products, ensuring overall system stability.

5

Built-in Wi-Fi with intuitive web-based user interface

The SR-5520 IMB can be configured and controlled remotely through a user-friendly and intuitive web-based UI. This UI can be accessed via the SR-5520's built-in Wi-Fi or wired LAN. Operators can easily switch between tabs or pages using drag-and-drop, filtering, and navigating functions. Additionally, wireless access is enabled using handheld devices such as smartphones or tablets.

Built-in Wi-Fi

SR-5520 Standalone IMB Technical Specifications

Physical

Dimensions	320 (W) x 240 (D) x 63.7 (H) mm
Weight	1.4 kg

Environmental

Operating temperature	0°C to 40°C (32°F to 104°F)
Operating humidity	20% to 90%, non-condensing
Operating altitude	10,000ft. (3,000m) above sea level[1]

Power

Max power consumption 100W

Video Specifications

Video decoders	JPEG2000, MPEG-2, MPEG-4, H.264
JPEG 2000[2]	4K- up to 96 fps (2D), 48 fps (3D)
	2K- up to 120 fps (2D), 60 fps (3D)
MPEG-2/MPEG-4/H.264	SD/HD
Packaging	SMPTE Digital Cinema Package(DCP), Interop DCP

Audio Output

Digital uncompressed audio	24-bit AES3
	16 channels, 48 kHz
	2 x RJ45

System Interfaces

Ethernet	2 x RJ45 (1 GbE)
eSATA	1 x
USB3.0	2 x USB A-Type Female
LTC OUT	1 x BNC
8-port GPI/Os	4 x RJ45 (8 GPIs and 8 GPOs)
Security	NexGuard® forensic watermarking
Subtitles	Subtitle overlay
User Interface	Web-based graphical user interface
Storage Options	CineCache 2TB/4TB PSD-4000-SSD portable storage (up to 6TB) Redundant local hot-swappable storage (up to 32TB) Ultra Storage: CA2.0 Centralized Storage Server
Closed Captioning Device	Support SMPTE430-10
Cinema Automation	CA2.0
Automatic Playlist Programming	CA2.0

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1 Depending on the specifications of the hard disk.
2 Check with GDC on specific frame rate & resolution support.

GDC