



# Dolby® Integrated Media Server IMS2000



## SPEED YOU CAN COUNT ON

The Dolby® Integrated Media Server IMS2000 is a single-board solution that delivers faster ingest speeds, simplifying operations to save you time and money. Combining Dolby and Doremi technologies, the IMS2000 offers cost-effective reliability proven on over 80,000 screens worldwide, plus the flexibility you need for today's cinemas.

The IMS2000 is the next-generation offering in Dolby's Integrated Media Server line of products. It continues the trend of providing on-board RAID storage, server control, and a DCI-compliant media block in a compact form enabling it to fit in a DLP® Series 2 projector. User control is via web-based UI allowing access from anywhere on the theater network, with full compatibility with Dolby's TMS and any third-party TMS that supports Dolby products.

- Low cost of ownership (maintenance and power consumption)
- Up to 500 Mbps DCI-compliant digital cinema packages (DCP) playback—Interop and SMPTE packages
- Web-based UI allows easy access from anywhere on the theatre network
- Configuration console available on Mini-Display Port output (No UI)
- Single-board design
- 2 TB of internal storage with RAID 5 protection and convenient front-panel access
- Hot-swappable drives
- External NAS support for additional storage\*\*
- Dolby Atmos® audio support
- Support for accessibility products (Dolby Fidelio, Dolby Captiview, and SMPTE ST430-10 output)
- Ingest through eSATA, USB 3.0, or Ethernet (up to 500 Mbps)
- 4× GPI
- 6× GPO
- Linear Time Code (LTC) output option (configurable at installation)
- Live-event Ethernet stream support\*
- Internal scaling and deinterlacing up to 4K
- JPEG2000, MPEG2, H.264, and VC1 decoding
- Dual-projector support
- DCI-compliant
- Dolby P'Ngest
- Play while ingest

\* Optional StreamIt software license required.

\*\* Contact customer support for list of supported NAS devices and models.

# Dolby Integrated Media Server IMS2000

## I/O

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- 3x GB Ethernet (1000Base-T/RJ45)
- 1x eSATA 3 Gbps
- 1x USB 2.0
- 2x USB 3.0
- 1x HDMI®
- 2x 3G HD-SDI bidirectional (input and output)
- Eight - AES audio pairs (2x RJ45)
- 4x GPI (1x RJ45)
- 6x GPO (1x RJ45)
- LTC output option (configurable at installation)
- 3x hot-swappable Removable 2.5" HDDs
- Mini-display port console out (no UI)

## DCI-COMPLIANT DCP PLAYBACK JPEG2000

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### JPEG2000

- 2K up to 120 fps
- 4K up to 30 fps (license required)
- Bit rates up to 500 Mbps
- 12-bit 4:4:4 XYZ' for all formats
- Support SMPTE DCP, MPEG2, and MXF Interop formats
- Subtitle engine
- DCI-compliant

## MPEG2/H264/VC1

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- 720p 60, 1080i 60, and 1080p 60
- Bit rates up to 50 Mbps
- 4:2:0 8-bit color

## VIDEO PROCESSING FEATURES

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- Color space conversion—supports YCbCr601, YCbCr709, REC 709, XYZ', YCxCz
- Deinterlacing
- Scaler up to 4K

## CONTROL

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- Web-based user interface
- Mini-display port console out
- Dolby TMS
- Third-party TMS and NOC systems
- API documentation available on request

## SECURITY

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- DCI-compliant forensic watermarking
- FIPS 140-2 (Level 3 Security certified)

## AUDIO

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- 16 channels, AES-EBU, 24 bits up to 96 KHz

## POWER CONSUMPTION

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- <70 W

## STORAGE

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- Internal—3x 2.5" 1 TB hard disk drives (RAID 5 configuration)
- External NAS support

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Specifications are subject to change without notice.



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