CineStore SoloG3

Digital cinema server

CineStore SoloG3 is a digital cinema server designed for DCI compliancy. It can be combined with any DLP Cinema™ projector via a CineLink™ connection. The CineStore SoloG3 server can receive content via a standard mobile hard drive connected through e-SATA or USB 2.0, as well as via CRU media drive.

Worry-free interoperability

The CineStore SoloG3 can play out virtually any digital cinema content, both in the DCI SMPTE format and in the MXF Interop JPEG 2000 or MPEG-2 format. Additionally, the server's theater automation system enables you to manage all GP I/O, Ethernet or Serial connections. The SoloG3 also provides Gigabit Ethernet links with the cinema network and with central content libraries.

Large storage capacity

The CineStore SoloG3 server features sufficient internal storage capacity (redundant) to hold at least 20 hours of high-quality content in JPEG 2000 format and 40 hours in MPEG-2 format. The integrated show editor allows you to build detailed show lists with pre-show ads, logos, teasers, trailers and movies. For maximum ease-of-use, the system automatically manages multiple content formats, title versions, languages and subtitling. What's more, the CineStore SoloG3 server incorporates advanced theater automation cues for sound and light levels, intermissions, curtains, etc.

Optimum security

The CineStore SoloG3 ensures absolute security -equal to the FIPS140-2 level 3. All movie content remains securely stored in its original encrypted form until playback. During playback, it is decrypted on the fly as well as watermarked to prevent piracy.

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Integrated services

An integrated monitoring system keeps you up to date on the projector status, including the integrity of the delivered content, and key validity. In addition, the server acts as an integrated service platform for collecting and delivering all kinds of technical information to a Network Operating Centre (NOC). These automatic system health reports enable pro-active preventive maintenance actions and remote corrective interventions if needed.

Product specifications	CINESTORE SOLOG3
General specifications	
Picture format	1920x1080 / 24p / 4:2:2 / 10bits 1920x1080 / 25p / 4:2:2 / 10bits 1920x1080 / 30p / 4:2:2 / 10bits 2048x1080 / 24p / 4:4:4 / 12 bits 2048x1080 / 48p / 4:4:4 / 12 bits 4096x2160 / 24p / 4:4:4 / 12 bits HD interlaced
Video outputs	Single link HD-SDI Dual link HD-SDI 3D stereoscopic Dual-Dual link HD-SDI for dual projector
MPEG-2 picture compression	MPEG2 MP@HL, extended up to 160 Mbps Variable bit rate / Constant bit rate Long GOP / I only (Short GOP)
JPEG 2000 picture compression	JPEG 2000: 2K, up to 250 Mbps
Audio format	Uncompressed 96 kHz / 24 bits per sample Uncompressed 48 kHz / 24 bits per sample Configurable audio delay
Audio I/O	16x balanced digital outputs (8x AES pairs)
Subtitle format	TI CineCanvas™ Internal picture overlay
Packaging format	DCP MXF Interop (MPEG-2 & JPEG 2000) DCP MXF SMPTE (JPEG 2000) KDM SMPTE
Composition	Multi-reel / Multi language / Multi version Multi composition sequencing
Ingest	Ingest from media or external library Ingest speed management PKL, CPL, KDM Multiple time window possibility
Content management	Local import/delete
Media	CRU media e-SATA or USB2 mobile hard drive DVD FTP Media and data integrity check
Forensic marking	CineFence forensic marking
DCI security	Secure TLS communication Secure image media block, FIPS140-2 level3 certified Secure IMB firmware update Secure logs and audits

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