

## Digital Cinema with the MEDIA BROADCAST solution. A quick glance at the new era in cinema.

Technical data for the DCFF Server Solution (Digital Cinema Feature Film).

Basic configuration with master and screening server – an overview:

<b>System</b>	Networked server system (master and screening server) for automatic playing of digital advertising, trailers and feature films for multiplex cinemas and others in accordance with the standards of the SMPTE (Society of Motion Pictures and Television Engineers) and the recommendations issued by DCI (Digital Cinema Initiatives LLC)	
<b>Feeding contents</b>	Via external hard drive (USB2.0) or FireWire (IEEE1394) File systems supported: FAT32, NTFS, EXT2, EXT3 Via satellite (MEDIA BROADCAST Digital Cinema Platform)	
<b>Supported standards (excerpt)</b>	Protocol file for sound & image: Protocol file encryption: Key Delivery Message (KDM): Certificate:	JPEG Interop and SMPTE 429-3 JPEG Interop and SMPTE 429-6 JPEG Interop and SMPTE 430-1 JPEG Interop and SMPTE 430-2
<b>Supported image formats</b>	2k: 2048 x 858 (CinemaScope) 2k: 1998 x 1080 (Flat) 4k: 4096 x 1716 (CinemaScope, output format 2048 x 858) 4k: 3996 x 2160 (Flat, output format 1998 x 1080)	
<b>Projector interface</b>	Dual Link HD-SDI , X'Y'Z' 4:4:4, 12 Bit in accordance with SMPTE 372M (D-Cinema application)	

# DIGITAL CINEMA SOLUTIONS



<b>Audio interface</b>	4 x 2 digital audio channels (AES/EBU) via DB25 or XLR connections (16 audio channels in preparation)
<b>Connection encryption</b>	Texas Instruments CineLink II™
<b>Watermark</b>	Philips CineFence™
<b>Subtitling</b>	Texas Instruments CineCanvas™
<b>Automation interface</b>	GPIO card
<b>Projector control</b>	Christie protocol via Ethernet, Barco protocol via Ethernet NEC protocol in preparation
<b>Operating system</b>	Windows Server 2003
<b>TMS/SMS/LS software</b>	MEDIA BROADCAST V. 4.4
<b>3D support</b>	RealD and XPanD (previously NuVision)
<b>Storage</b>	Master server 5 TB (expandable to up to 10TB), screening server 2 TB
<b>Service</b>	remote via ISDN, SDSL or ADSL (country-specific), via router (option) incl. firewall, remote analysis and support via MEDIA BROADCAST Digital Cinema Operation Center, 24-h-Service-Desk, on-site service
<b>IP Network Interface</b>	LAN (Gigabit Ethernet Computer Network), twisted-pair cable (CAT 5 or CAT 5e)
<b>Status Monitor</b>	screening-facility status monitoring
<b>Certification status</b>	full DCI compatibility in preparation – FIPS certification under review

**Questions?** Then contact us – we look forward to speaking with you.

# INNOVATION THAT WORKS

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