

INTEGRATED CINEMA MEDIA SERVER

NP-90MS02 IMS ORDER CODE: 100013969, **NP-90MS02-4K IMS** ORDER CODE: 100014015 **Cinema Media Server**

Integrated Media Server with 2TB RAID storage is a perfect Digital Cinema one stop solution.

This next generation cinema server provides Raid storage, easy server control via web interface and a DCI compliant media block. Lower cost of ownership with extremely fast simultaneous play and ingest speed as well as additional extended NAS storage. The integrated single-board solution also delivers optional 4K and Dolby Atmos™ support guaranteeing future proof investment.



Delivering Genuine Benefits

Integrated DCI compliant Media Server with hot-swappable 2TB Raid 5 protected storage which integrates with NEC Series 2 DLP cinema projectors

Quick ingest through USB 3.0, with Ethernet and eSata interface up to 500 MBps. Easy and quick Play Ingest and P'Ngest™ support.

NAS support for easy storage extension and flexible film handling

4K up to 30fps (NP-90MS02-4K) and Dolby Atmos (TM) audio support (license required)

Any location, easy access to Web based user interface via network. Simple Integration into standard TMS systems.

Dual Projector support for brightness extension

MPEG2, H.264, VC1 decoding and Live Event Ethernet Stream support



INTEGRATED CINEMA MEDIA SERVER

NP-90MS02 IMS ORDER CODE: 100013969, **NP-90MS02-4K IMS** ORDER CODE: 100014015

TECHNICAL SPECIFICATIONS

CONFIGURATION	
System	Integrated Media Server with hot-pluggable 2TB RAID 5 storage (3 x removable 2,5" 1TB Hard Drives)
Interfaces	3 x Gigabit Ethernet 1 x eSATA 3GB/s 2 x USB 3.0 1 x USB 2.0 1 x HDMI up to 4K 30p 2 x 3GSDI bidirectional 8 AES Audio pairs by 2xRJ45 4 x GPI (1xRJ45) 6 x GPO (1xRJ45) Mini DisplayPort Console out for easy service support (No Graphical User Interface)
SPECIFICATIONS	
DCI DCP Playback JPEG2000	2K up to 120fps 4K up to 30fps (NP-90MS02-4K) Bitrate up to 500Mb/s up to 12 bit 4:4:4 for all formats MPEG2 and MXF interop support Integrated subtitle engine
MPEG2/H.264/VC1 playback	720p60, 1080i60, 1080p60 up to 50 Mb/s 8 bit 4:2:0
Video Processing	Color Space conversion YCbCr601, YCbCr709, REC 709, YCxCz Deinterlacing Scaling
OTHERS	
Control	WEB based user interface Mini DisplayPort Console out without GUI Dolby TMS3™ TMS systems and NOC systems support
Security	Forensic Watermarking for audio and video FIPS 140-2 Level 3 security certification
Audio	16 channels AES-EBU, 24 bit up to 96 kHz Dolby Atmos (TM) support (license required) Auro 3D (TM) audio support (license required)
Special features	NAS Storage support (NetGear ReadyNas 2120 and Seagate STDE100 using WD2003FYYS HDD) Quick ingest up to 500 Mbit/sec Play and Ingest and Play while Ingest support Dual Projector support
For additional pictures and Solutions overview, Visit www.nec-display-solutions.com for details.	

This document is © Copyright 2015 NEC Display Solutions Europe GmbH. All rights are reserved in favour of their respective owners. The document, or parts thereof, should not be copied, adapted, redistributed, or otherwise used without the prior written permission of NEC Display Solutions Europe GmbH. This document is provided "as is" without warranty of any kind whatsoever, either express or implied. Errors and omissions are excepted.

NEC Display Solutions Europe GmbH may make changes, revisions or improvements in, or discontinue the supply of any product described or referenced in this document at any time without notice. 14. August 2015

NEC Information:

Call: +49 (0)89/99 699-0

Email: infomail@nec-displays.com

www.nec-display-solutions.com

Orchestrating a brighter world

NEC