



OpenClient Multiformat Video Server

OpenClient OC-II is an SD/HD standalone video server platform with embedded storage, that can also be connected to any open storage over a simple network. This cost effective digital video server, encodes and decodes high quality multi-format video for broadcast television. The internal storage is provided by a reliable RAID 6 disk array with ten hot-swappable 1 TB capacity SATA drives.

The key advantage of the **OC-II** is the flexibility and the scalability of the configuration capable to suit small to large Television environments. The **OC-II** features software based encoders and decoders and allows control from any standard VDCP Automation Package.

Each channel can be controlled independently from the others, including record, play and more specific reset and re-initialization tasks.

The **OC-II** can encode and decode video in a variety of formats, and will create on-the-fly proxy during ingest in Windows™ Media, or QuickTime™ formats.

Key Features

Fully open IT architecture.

A/V access from Windows, Unix and Apple platforms.

Import/export of video files via network, or connected peripherals.

Low resolution for Proxy editor (Windows™ Media 9 & QuickTime™ native support).

Commodity hardware for SD I/O.

SD (Pal & NTSC) and HD (1080i, 1080p, 720p) capabilities.

Includes MediaNavigator standalone automation software, for unattended multi-channel on-air operations with playlist creation capabilities.

System Capabilities

Frame accurate.

Back to back play of different clip format.

Shortest playable back to back (sustained): 1 frame.

Rough cut editing while encoding with full J&S capabilities (with supported editors).

VDCP compatible.

CIFS (Common Internet File System) ready.

FTP ready.

OpenClient II Specifications

OpenClient II
MULTIFORMAT VIDEO SERVER

Parameter	Details	Notes
Video I/O	Model 12: features 1 SDI video inputs in SD/HD and 2 SDI video outputs in SD/HD. Model 24: features 2 SDI video inputs in SD/HD and 4 SDI video outputs in SD/HD.	ITU-R BT.601I (75 Ohm BNC).
Audio I/O	Up to 8 embedded Channels per SDI Channel.	(Optional AES).
VITC I/O	Via SDI.	
Reference	Analog Black Burst.	75 Ohm BNC loop-trough connectors.
Network	Dual 10/100/1000 baseT Ethernet, RJ45 connectors.	FC-4 Fibre Channel Host Adapter (Optional).
Automation Control	6 x RS232/422DB9.	VDCP control protocol via serial or IP. Optional API.
SD Codecs	DV25. DV50. DVCPRO. MPEG2 4:2:2 I-Frame. MPEG2 4:2:0 or 4:2:2 IBP (Long GOP). MXF-IMX. MXF-XDCAM DV.	
HD Codecs	MPEG2 4:2:2 HD I-Frame. MXF XDCAM 4:2:0 or 4:2:2. DVC100.	
PROXY Codecs	Windows™ Media 9.0. QuickTime™.	"ON THE FLY" Proxy quality generation.
Storage	Internal storage 10TB RAW. Approx. 320 Hours@50Mb/s MXF, or: Approx 640 Hours@25Mb/s DV50, or: Approx. 1300 Hours@12Mb/s LGOP. External storage via FC (optional) virtually unlimited.	RAID6 configuration with 10x1TB "Enterprise Class" S-ATA disks.
System Disks	Mirrored S-ATA Drives.	"ENHANCED SECURITY".
Removable Media	DVD-Rom.	
Operating System	Microsoft® Windows® XP Professional SP-2.	
Device Control	Media Power DCOM v.9.0 or higher, includes server channel control, VDCP interface, one Media Navigator license and software documentation.	
Dimensions	26"x16.9"x6.9" (660x430x176mm).	Screwless fans, screwless hot-swap trays, screwless top cover, anti-vibration, strong structure, outstanding thermal solution.
Weight	Approximately 59,5Lb (27kg).	
Power	100-240 VAC 50/60 Hz.	PS/2+1 Redundant "HOT SWAPPABLE" max 760W power modules.
Environmental	Operating temperature: +10°C to + 35°C (50 to 95 F). Non operating temperature: -40°C to + 70°C (-40 to 150F). Relative non-operating humidity: 95% at +30°C, non condensing.	
Support	2 years limited warranty on HW.	Basic and extended support options for 3 rd , 4 th and 5 th year.



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