

mediaMOVE Software and Kits



Overview

mediaMOVE is a software application that can support QFHD/FHD/HD/SD video gateways to ingest and transcode all kind of media files.

It performs 4 simultaneous ingest operations.

The kit includes a MOG Peripheral Board.

Models

- Software
- Kit

Product Highlights

- Operation modes: manual, scheduled and automatic
- Ingest and/or Transcode contents according to the destination format
- Support for spanned clips (Sony XDCAM EX, Panasonic P2, Panasonic GH5, GoPro and Canon)
- Flexible file renaming engine
- Enable edit while ingest
- Metadata preservation and enhancement
- Burnt-in options: text, timecode, overlays (images and videos) and LUT
- Full-featured local and remote user interface (including on a touch screen for quick control)

Available Options

- Growing input files support
- Transcode activation
- Simultaneous proxy generation
- Integration with OTT
- Integration with social media
- Remote preview for media selection, subclipping and merge

Note: adding optional features might affect the number of simultaneous operations.

Technical Specifications

Devices / Connectivity	INPUT	OUTPUT
	File	File
OnPrem	XDCAM Panasonic IKEGAMI NextoDI CANON JVC GoPro ARRI ALEXA Avid Files	Avid Unity™ MediaNetwork Avid ISIS / Nexis FTP Servers (List on request) NAS / SAS (SMB 2.0 and 3.0) Facilis TerraBlock ScaleLogic DDP - Dynamic Drive Pool Quantum StorNext Generic File Shares And many others
Cloud		Social Media Sharing Professional Cloud Storages Consumer Cloud Storages OTT

Input Formats

Input Formats	MODELS	
	Software	Kit
ARRI ARRIRAW	X	X
Blackmagic RAW	X	X
Digital Cinema Packages (DCP)	X	X
RED Digital Cinema	X	X
IMX 30/40/50 Mbps	X	X
MPEG2 LGOP 18/25/35 Mbps 4:2:0	X	X
MPEG2 LGOP 50/70 Mbps 4:2:2	X	X
MPEG2 LGOP 422 50 Mbps	X	X
MPEG2 LGOP 420 1440x1080 35 Mbps	X	X
MPEG2 LGOP 420 (FULL) 35 Mbps	X	X
DVCAM 25 Mbps	X	X
XAVC Intra 50 / 100 Mbps	X	X
XAVC Intra 300 / 300 VBR / 480 / 480 VBR Mbps	X	X
XAVC LGOP 25 / 35 / 50 Mbps	X	X
XAVC LGOP 60 / 100 / 140 / 150 / 200 Mbps	X	X
DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps	X	X
AVC-Intra 50 / 100 / 200 Mbps	X	X
AVC-Intra 4K422	X	X
AVC Ultra (LGOP 6/12/25/50 Mbps)	X	X
DNxHD (SQ/HQ/HQX/LB)	X	X
DNxHR (SQ/HQ/HQX/LB)	X	X
H.264 2160p 35 - 68 Mbps High Profile	X	X
H.264 1440p 16 - 24 Mbps High Profile	X	X
H.264 1080p 8 - 12 Mbps High Profile	X	X
H.264 720p 5 - 7.5 Mbps High Profile	X	X
H.264 480p 2.5 - 4 Mbps High Profile	X	X
H.264 360p 1 - 1.5 Mbps High Profile	X	X
H.264 2160p 13 - 51 Mbps High Profile (Live)	X	X
H.264 1440p 6 - 18 Mbps High Profile (Live)	X	X
H.264 1080p 3 - 9 Mbps High Profile (Live)	X	X
H.264 720p 1.5 - 6 Mbps High Profile (Live)	X	X
H.264 480p 0.5 - 2.0 Mbps High Profile (Live)	X	X
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)	X	X
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)	X	X
H.264 L10 10 Mbps	X	X
H.265/HEVC 10 / 25 / 50 / 100 Mbps LGOP	X	X
H.265/HEVC 4K 25 / 50 Mbps LGOP	X	X
H.265/HEVC 8K 25 / 50 / 100 Mbps LGOP	X	X
ProRes 422 (SQ/HQ/LT)	X	X
ProRes 4444	X	X
JPEG 2000 (Full HD)	X	X
JPEG 2000 (Full 4K/8K)	X	X
Google® VP6 / VP7 / VP8 / VP9 (Full HD)	X	X
Google® VP9 (4K/8K)	X	X
Uncompressed UYVY 422 / V210 / RGBA	X	X
AOMedia Video 1 (Full HD)	X	X
AOMedia Video 1 (4K/8K)	X	X
IMF (JPEG 2000 @ Full HD)	X	X
IMF (JPEG 2000 @ 4K/8K)	X	X

Output Formats

Output Formats - HIRES	MODELS	
	Software	Kit
IMX 30/40/50 Mbps	X	X
MPEG2 LGOP 18/25/35 Mbps 4:2:0	X	X
MPEG2 LGOP 50/70 Mbps 4:2:2	X	X
MPEG2 LGOP 422 50 Mbps	X	X
MPEG2 LGOP 420 1440x1080 35 Mbps	X	X
MPEG2 LGOP 420 (FULL) 35 Mbps	X	X
DVCAM 25 Mbps	X	X
XAVC Intra 50 / 100 Mbps	X	X
XAVC Intra 300 / 300 VBR / 480 / 480 VBR Mbps	X	X
XAVC LGOP 25 / 35 / 50 Mbps	X	X
XAVC LGOP 60 / 100 / 140 / 150 / 200 Mbps	X	X
DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps	X	X
AVC-Intra 50 / 100 / 200 Mbps	X	X
AVC-Intra 4K422	X	X
AVC Ultra (LGOP 6/12/25/50 Mbps)	X	X
DNxHD (SQ/HQ/HQX/LB)	X	X
DNxHR (SQ/HQ/HQX/LB)	X	X
H.264 4320p 150 - 280 Mbps High Profile	X	X
H.264 4320p 80 - 150 Mbps High Profile	X	X
H.264 2160p 35 - 68 Mbps High Profile	X	X
H.264 1440p 16 - 24 Mbps High Profile	X	X
H.264 1080p 8 - 12 Mbps High Profile	X	X
H.264 720p 5 - 7.5 Mbps High Profile	X	X
H.264 480p 2.5 - 4 Mbps High Profile	X	X
H.264 360p 1 - 1.5 Mbps High Profile	X	X
H.264 2160p 13 - 51 Mbps High Profile (Live)	X	X
H.264 1440p 6 - 18 Mbps High Profile (Live)	X	X
H.264 1080p 3 - 9 Mbps High Profile (Live)	X	X
H.264 720p 1.5 - 6 Mbps High Profile (Live)	X	X
H.264 480p 0.5 - 2.0 Mbps High Profile (Live)	X	X
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)	X	X
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)	X	X
H.264 L10 10 Mbps	X	X
H.265/HEVC 10 / 25 / 50 / 100 Mbps LGOP	X	X
H.265/HEVC 4K 25 / 50 Mbps LGOP	X	X
H.265/HEVC 8K 25 / 50 / 100 Mbps LGOP	X	X
ProRes 422 (SQ/HQ/LT)	X	X
ProRes 4444	X	X
JPEG 2000 (Full HD/4K/8K)	X	X
Google® VP6 / VP7 / VP8 / VP9 (Full HD/4K/8K)	X	X
Uncompressed UYVY 422 / V210 / RGBA	X	X
AOMedia Video 1 (Full HD/4K/8K)	X	X
IMF (JPEG 2000 @ Full HD/4K/8K)	X	X

Proxy Formats

Output Formats - PROXY	MODELS	
	Software	Kit
XAVC LGOP 25 / 35 Mbps	X	
AVC Ultra (LGOP 6/12/25 Mbps)	X	
DNxHD (SQ/LB)	X	
H.264 @ 500 Kbps Flash	X	X
H.264 @ 1 / 1.5 Mbps Flash	X	X
H.264 720 480p @ 8 / 10 Mbps Flash	X	X
H.264 720p @ 15 / 20 / 25 Mbps Flash	X	X
H.264 854 480p @ 8 / 10 Mbps Flash	X	X
H.264 960 540p @ 3 Mbps Flash	X	X
H.264 1080p @ 15 / 20 / 25 Mbps Flash	X	X
H.264 SD @ 4 / 8 / 15 / 20 / 25 Mbps	X	X
H.264 480p @ 0.5 - 2 Mbps High Profile (Live)	X	X
H.264 360p @ 0.4 - 1 Mbps High Profile (Live)	X	X
H.264 240p @ 0.3 - 0.7 Mbps High Profile (Live)	X	X
H.265/HEVC 10 Mbps LGOP	X	
H.265/HEVC 25 Mbps LGOP	X	
H.265/HEVC 50 Mbps LGOP	X	
ProRes Proxy 1920x1080	X	X
ProRes Proxy 1280x720	X	X
ProRes Proxy 960x540	X	X
ProRes Proxy SD (16:9 Raster)	X	X
ProRes Proxy SD	X	X
MPEG-1 (layer 2) @ 1.5 Mbps	X	X
Avid MPEG-2 (SIF @ 2Mbps)	X	X
H.263 (Interplay Web)	X	X
H.264 Interplay Web (800 Kbps and 2 Mbps)	X	X
Sony Proxy AV (MPEG-4 Part-2) @1.5 Mbps	X	X

Minimum Hardware Requirements

mediaMOVE Software and Kits	
CPU	i9-9900 or above 2x Intel Xeon Silver 4214 2.2G or above
RAM	4x 8GB
OS Drive	240GB SSD
Network	2x 1Gb
Operating System	Windows 10 (Pro / Enterprise editions) Windows Server 2016 / 2019

Kit Contents

Kit Contents	
Operating System provided by MOG	X
1x Nvidia P620 card	X
Peripheral adapter from MOG	X
USB cable	X