

mediaMOVE Grand Series



Overview

mediaMOVE Grand series is a turnkey appliance family that can support QFHD/FHD/HD/SD video gateways to ingest and transcode all kind of media files.

It performs 4 simultaneous ingest operations and has the option of an XAVC or AVC-U hardware encoder.

Product Highlights

- Operation modes: manual, scheduled and automatic
- Ingests and/or Transcodes the content according to the destination format
- Supports for spanned clips (Sony XDCAM EX, Panasonic P2, Panasonic GH5, GoPro and Canon)
- Optional remote preview for media selection, subclipping and merge
- Flexible file renaming engine
- Enables edit while ingest
- Metadata preservation and enhancement
- Option for simultaneous proxy generation
- Optional integration with social media
- Optional integration with OTT
- 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)

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

Output Formats - HIRES	GRAND MODELS		
	A	X	D
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	
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 Mbps	X		X
AVC-Intra 200 Mbps	X		X
AVC Ultra (LGOP 6/12/25/50 Mbps)	X		X
DNxHD (SQ/HQ/HQX/LB)	X		
DNxHR (SQ/HQ/HQX/LB)	X		
H.264 2160p 35 - 68 Mbps High Profile	X		
H.264 1440p 16 - 24 Mbps High Profile	X		
H.264 1080p 8 - 12 Mbps High Profile	X		
H.264 720p 5 - 7.5 Mbps High Profile	X		
H.264 480p 2.5 - 4 Mbps High Profile	X		
H.264 360p 1 - 1.5 Mbps High Profile	X		
H.264 2160p 13 - 51 Mbps High Profile (Live)	X		
H.264 1440p 6 - 18 Mbps High Profile (Live)	X		
H.264 1080p 3 - 9 Mbps High Profile (Live)	X		
H.264 720p 1.5 - 6 Mbps High Profile (Live)	X		
H.264 L10 10 Mbps	X		
H.265/HEVC 10 Mbps LGOP	X		
H.265/HEVC 25 Mbps LGOP	X		
H.265/HEVC 50 Mbps LGOP	X		
H.265/HEVC 100 Mbps LGOP	X		
H.265/HEVC 4K 25 Mbps LGOP	X		
H.265/HEVC 4K 50 Mbps LGOP	X		
H.265/HEVC 8K 25 Mbps LGOP	X		
H.265/HEVC 8K 50 Mbps LGOP	X		
H.265/HEVC 8K 100 Mbps LGOP	X		
ProRes 422 (SQ/HQ/LT)	X		
ProRes 4444	X		
JPEG 2000 (Full HD/4K/8K)	X		
Google® VP6 / VP7 / VP8 / VP9 (Full HD)	X		
Uncompressed UYVY 422 / V210 / RGBA	X		
AOMedia Video 1 (Full HD/4K/8K)	X		
IMF (JPEG 2000 @ Full HD/4K/8K)	X		

Output Formats - PROXY	GRAND MODELS		
	A	X	D
H.264 @ 500 Kbps Flash	X	X	X
H.264 @ 1 / 1.5 Mbps Flash	X	X	X
H.264 720 480p @ 8 / 10 Mbps Flash	X		
H.264 720p @ 15 / 20 / 25 Mbps Flash	X		
H.264 854 480p @ 8 / 10 Mbps Flash	X		
H.264 960 540p @ 3 Mbps Flash	X	X	X
H.264 1080p @ 15 / 20 / 25 Mbps Flash	X		
H.264 SD @ 4 / 8 / 15 / 20 / 25 Mbps	X		
H.264 480p @ 0.5 - 2 Mbps High Profile (Live)	X	X	X
H.264 360p @ 0.4 - 1 Mbps High Profile (Live)	X	X	X
H.264 240p @ 0.3 - 0.7 Mbps High Profile (Live)	X	X	X
ProRes Proxy 1920x1080	X		
ProRes Proxy 1280x720	X		
ProRes Proxy 960x540	X		
ProRes Proxy SD (16:9 Raster)	X		
ProRes Proxy SD	X		
MPEG-1 (layer 2) @ 1.5 Mbps	X	X	X
Avid MPEG-2 (SIF @ 2Mbps)	X	X	X
H.263 (interplay Web)	X	X	X
H.264 Interplay Web (800 Kbps and 2 Mbps)	X	X	X
Sony Proxy AV (MPEG-4 Part-2) @1.5 Mbps	X	X	X

Server Options

This boosted Dell server can support QFHD/FHD/HD/SD video gateways for the following media operations: ingest and transcode.

Option for XAVC or AVC-U hardware acceleration.

Features	Specs	GRAND MODELS		
		A	X	D
Platform	Dell R740	X	X	X
GPU	Nvidia P2000	X	X	X
Video	1x Decklink 8K	X	X	X
Option AVC	2x Matrox m264 2ch	X	X	X
Connectivity	2x 1Gb Eth, 2x 10Gb Eth, RS232, 2x USB 3.0, 2x frontal USB2.0	X	X	X
Temperature Specs	Storage -40°C to 65°C (-40°F to 149°F); Continuous operation 10°C to 35°C (50°F to 95°F)	X	X	X
Power Requirements	Single 750W	X	X	X
Dimensions and Weight	2RU; 737.5x482x86.8mm (D,W,H); ~26Kg	X	X	X
Delivery Packaging	970x660x310mm (D,W,H), ~32Kg	X	X	X
What is Included	1x C13 to C14 power cord, static rails for 2/4-post racks, USB pen drive with system restore and user manuals	X	X	X