



## 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
- 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 IPEGAMI NextoDI CANON JVC GoPro ARRI ALEXA Avid Files DJI (Camera Drones)	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	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
MPEG2 LGOP 422 50 Mbps	X	X	X
MPEG2 LGOP 420 1440x1080 35 Mbps	X	X	X
MPEG2 LGOP 420 (FULL) 35 Mbps	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
AVC-Intra 50/100 Mbps	X	X	X
AVC-Intra 200 Mbps	X	X	X
AVC-Intra 4K422	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 480p 0.5 - 2.0 Mbps High Profile (Live)	X	X	X
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)	X	X	X
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)	X	X	X
H.264 L10 10 Mbps	X	X	X
H.265/HEVC 10/25/50/100 Mbps LGOP	X	X	X
H.265/HEVC 4K 25/50Mbps LGOP	X	X	X
H.265/HEVC 8K 25/50/100 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/4K/8K)	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

## Output Formats

Output Formats - HIRE5	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	
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	
AVC-Intra 4K422	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 Ultra (LGOP 6/12/25/50 Mbps)	X		X
DNxHD (SQ/HQ/HQX/LB)	X		
DNxHR (SQ/HQ/HQX/LB)	X		
H.264 4320p 150 - 280 Mbps High Profile	X		
H.264 4320p 80 - 150 Mbps High Profile	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 480p 0.5 - 2.0 Mbps High Profile (Live)	X		
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)	X		
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)	X		
H.264 L10 10 Mbps	X		
H.265/HEVC 10 / 25 / 50 / 100 Mbps LGOP	X		
H.265/HEVC 4K 25 / 50 Mbps LGOP	X		
H.265/HEVC 8K 25 / 50 / 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/4K/8K)	X		
Uncompressed UYVY 422 / V210 / RGBA	X		
AOMedia Video 1 (Full HD/4K/8K)	X		
IMF (JPEG 2000 @ Full HD/4K/8K)	X		

## Proxy Formats

Output Formats - PROXY	GRAND MODELS		
	A	X	D
XAVC LGOP 25 / 35 Mbps	X	X	
AVC Ultra (LGOP 6/12/25 Mbps)	X		X
DNxHD (SQ/LB)	X		
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	X	X
H.264 720p @ 15 / 20 / 25 Mbps Flash	X	X	X
H.264 854 480p @ 8 / 10 Mbps Flash	X	X	X
H.264 960 540p @ 3 Mbps Flash	X	X	X
H.264 1080p @ 15 / 20 / 25 Mbps Flash	X	X	X
H.264 SD @ 4 / 8 / 15 / 20 / 25 Mbps	X	X	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
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		
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		
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	

## 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
Platform	Dell R740
GPU	2x Nvidia RTX 4000
Option AVC	2x Matrox m264 2ch
Connectivity	1x IDRAC Network Interface, 2x 1Gb Eth, 2x 10Gb Eth, 1x RS232, 6x displayPort, 2x VirtualLink, 2x VGA, 2x USB 3.0, 2x USB 2.0, 1x micro USB and 1x audio out
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)
Power Requirements	Single 750W
Dimensions and Weight	2RU, 737.5x482x86.8mm (D,W,H), ~26Kg
Delivery Packaging	970x660x310mm (D,W,H), ~32Kg
What is Included	1x C13 to C14 power cord and static rails for 2/4-post racks