mDECK

mDECK Grand dn

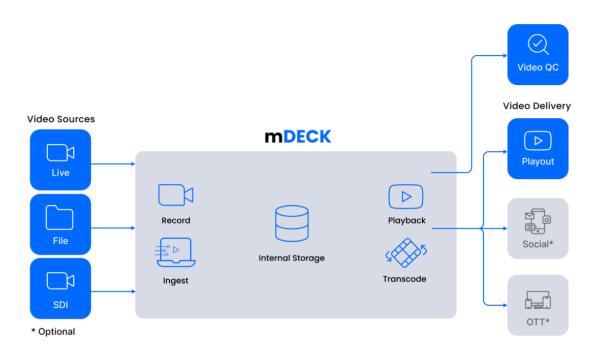


Overview

Produce and distribute broadcast-quality video content, with mDECK Grand dn, a professional media deck that can combine operations of record, ingest, transcode, and playback content in 4K, UHD, FHD, and NDI.

This flexible media appliance not only performs hybrid workflows (file-based and live) but also supports the most used formats on the market and allows users to work together as a group. This makes it a great choice for digital news organizations.

Additionally, it comes with 8TB local storage, PSU redundancy, an OS drive, and can be pre-configured to support IP Live workflows.



Highlights

- mSWITCH Remote live switching and composing
- mTALK Audio communication between users
- Live to file multiple simultaneous records
- Metadata preservation, enhancement, and enrichment
- Flexible file naming and renaming engine

Specially Designed For

- Educational/Government
- Live Entertainment/Worship
- Corporate
- Digital News

- Multiple simultaneous transcodes
- File playback multiple simultaneous plays
- Proxy generation
- Artificial intelligence
- Archiving
- Web publishing
- Television/Broadcasting
- System Integrators/Rentals

mDECK

Features

	Features
Timecode support	
LTC (SMPTE 12M	()
VITC (SMPTE RP	188)
Time of Day	
From VTR (BVW)	- Serial
Multiple LIVE and sin	nultaneous records
Crash Record op	
Gang Capture op	
	kflow selection in Gang Captures
	for gang captures while using clipnaming with counters
	tion for unused Capture Instances
	ferent) Gang Captures
	pture channel configurations / Choose which channels are present in the gang
Frame Chase edi	
	e duration support
Loop record supp	
	s maximum duration in a Loop Record workflow
	cord captures through automatic jobs
Growing files sup	
	port for Grass valley Edius Workgroup v.9 and X
	MXF OP1a file support on Avid Media Composer *required Nablet AMA Plugin
Automatic Stream	n Control - Detect input streams and start recording automatically
Continuous recor	
Continuous live s	
Recording timer f	for captures
	op a capture or a stream
	ersion option on Capture workflows
Generate MP4 file	es as Fragmented MP4 via DCP Packager
Add XML sidecar	rs with WAV file as output while recording
Perform "Run afte	er completion" scripts
Remove source a	assets after Job completion for all plain sources
Live Probing opti	ion .
Stream with Clos	ed Captions
Edit a Workflow of	directly from the Player
Input selection m	nade directly from a dropdown list on the player
Option to start tir	mecode recording from 00:00:00
Export in "MOG p	olaylist" format (.XML Sidecar containing information about the chunks of the recorded media)
Batch record sup	port
Deck control thro	bugh Serial Ports
Pre-roll and post	-roll options
LiveU NewsML b	atch capture
LiveU NewsML m	netadata import
LiveU NewsML -	support XML from devices (Live U, Android and iPhone)
LiveU include sub	bfolder browse
Contribution Web	o Video Player - Aspect marker, Safe Area Marker, and Center marker
Player Overlay -	Center Dot and Cross
	re Format Description (AFD)
Medialoopster Int	tegration in Capture operations
	tegration in Batch Capture operations
Operation mode	S
Automatic	
Manual	
Scheduled	
Clipnaming	
	renaming engine
	sified clipnaming templates
	based on Metadata Profiles
	non labels (Id, label, Counter, Date, Original Source Name, Weekday, User)
	c representation of the day of the week
Folder Struct	ture creation



Drag and Drop support Restore auto numbering on capture abort in naming templates "CreationDate" field can refer to a desired Time Zone Add the label "_p" to proxy clips' names Multi-Configuration metadata management and enrichment An efficient internal asset management Quickly search for assets metadata Directly manage your assets metadata Generate metadata directly through capture operations Prevent the overwrite of metadata fields Protect metadata fields Delete custom metadata Edit group clips metadata Edit a file's source metadata based on a configured metadata profile "Description" field editable in metadata widget Set "Description" field as a column in the Asset Explorer list view Forward metadata to Gang Captures Favorite metadata fields Create custom metadata fields Add a "Rating" metadata field Update the source metadata directly through the metadata widget Add asset tags insertion in preset list Re-use lists of possible values Update Metadata in Media Central/Interplay using AMT-3 library Rename media in Interplay after a capture has begun Take field (counter) Support for "Reel" metadata field using Apple ProRes Wrapper Read metadata from pre-configured cloud storages (Amazon S3 / Google Cloud Storage / Tencent / IBM Cloud Object Storage) Preserve specific Arri fields Preserve RED digital cinema color information Find immediately and learn everything about any asset Show or hide proxies on Asset Browser Sort, order and search for files on Asset Browser Asset Explorer - Resizable thumbnails Asset Explorer - Support asset availability Search for all assets on Asset Explorer Extract thumbnails and posters while indexing on Asset Explorer Asset Explorer - Playable thumbnails Preview media with interactive Pop-up Players Asset Explorer - View the exact duration of files with more than 24 hours Asset Selection -View the total duration of the selected assets Configure the asset's preview duration Asset Selection - Add Numeric Input Asset management Check-in AVID AAF AVID interplay XML support XSLT transformation - XML sidecar Edit share flow Vizzi OTT check in Support for update on Vizzi OTT check-in Audio support PCM input and output support Dolby E-AC-3, Dolby TrueHD, and DTS input support Dolby-E Input and output support DTS Coherent Acoustics (DCA) Integration with Dante Audio Capture *Negotiated separately PCM 96KHz support Independent audio encoder for hires and proxy Individually map your audio by output target Record audio only streams

Features

Playout audio only streams

	Features
	oudness normalization (EBU R128)
	udio downmixing & upmixing
	External audio files support (.WAV)
	IPEG-4 Audio (M4A) audio format as output
Α	bility to mute proxy on the output
los	e captions
C	SEA/EIA - 608
S	Scenarist (SCC)
A	ıdd sidecar - SubRip (SRT)
A	ndd sidecar - Fragmented WebVTT
A	dd sidecar - ISMT/CMFT subtitles
C)CP subtitle burn-in (.SCC)
D	Digital Cinema Package (DCP) open captioning
	Support DVB-S captions in streams
	Support captioning for OTT (CMFT, SubRip, and WebVTT)
	Stream with Closed Captions
	tors
	Create locators with shortcut keys
	dit and delete locators
	dit the locators' description
	nsertion and viewing
	Create and freely customize action fields
	nsert comments in a marker's widget tab
	ocators source in markers widget
S	elect multiple subcategories for a single locator
C	Order asset locators by timecode
E	stablish Absolute or Relative timecode for source locators
E	inter Timecode without the need of entering colons
E	ject locators using the player eject button
Ν	lerge locators
S	Support for locators with AMT captures
S	end locators directly to Gang Captures
S	end locators instantly to Playout
	reserve Metadata Enhancement locators created by an Automatic Job
	duler (Calendar View)
	chedule a Record operation
	icheduled Automatic Jobs via Scheduler
	idit individual events
	Ilow editing of settings for each occurrence/repetition
	Set the number of an event's repetitions
	·
	Check for collisions between events and repetitions
	bility to Ignore files before a start date
	laceholder when editing an occurrence name
	nable field event name as AVID Interplay clipname by default
ι	Jse pre-set naming templates
S	end the assets to independent targets and multiple outputs
E	stablish a maximum capture duration
C	Configurable number of iterations when using maximum capture duration
ι	Jse AVID Interplay clip name as event name on crash record events
P	Pre-roll and post-roll options for scheduled events
D	efine events to be triggered on any day, on working days only or only on weekends
S	et the Calendar Notion option to automatically adjust to daylight time
E	dit the Start Time field after the first recording
	/isualize scheduled events in a List View
	xport activity events
	Perform captures from a MOG S1000
	Perform captures from an Airspeed 5000
	erform captures from a Softron Movie Recorder
	duler (Playout Grid View) - Unifies in a single rollout view all Playout activities *Optional
G	Grid View for Playout Crash Playout directly from the Grid View

Features
Schedule Clip Lists to be Played out
Adjust to a desired Time Zone
Ability to set a pre-determined number of repetitions
Trigger Playout events (Any day, On Working Days or only on Weekends)
Signal error detection and related recovery actions
Detect possible signal errors
Detect possible drop frames
Support for timecode breaks
Configurable capture resume methodology
Automatic streaming (headless) - Restart capture after stopping/crashing or rebooting
Checksum media
MD5 hash file
MDL - Media hash list
Live to Live
Delete artifacts on abort
Vizzi OTT Live Output
Multiple resolutions check-in
Support Time of Day in input streams (RTMP, MPEG-TS, RTP, SRT, RTSP, HLS, LLDASH, MSS, MPEG-DASH, CMAF)
Support Live Stream from sCapture as rPlayout input
Variable Frame Rate Input
Support IGMPv3 multicast
Add possibility to change the transport stream segments duration
MPEG-TS Support
Capture of MPEG-Transport Streams
Support of MPEG-TS program IDs
NDI
Native NDI output
NDI HX Support
NDI audio and video synchronized mechanism
NDI discovery mechanism
Capture multiple NDI sources
Time of day and embedded timecode options in NDI input
RTMP
RTMP recording with absolute timecode
RTMP Push Mode in input and output
RTMP Pull Mode in input and output
Native RTMP listener capability
Multiple audio channels in RTMP Output
HEVC, VP9 and AV1 codec in enhanced RTMP/FLV
SRT
Input modes: Caller, Listener, and Rendezvous
SRT listener mode as stream output
Output modes: Caller and Rendezvous
Stream ID support
Configurable latency settings
Configurable overhead bandwidth
Configurable passphrase
Monitoring input metrics
WebRTC
h.264 Support
VP8 Support
VP9 Support
Live switcher - Capture switcher producer
Commute between channels while recording
Record audio and video from one channel, or just audio or video
Playout from SDI Inputs
Playout from Streams Inputs
Playout from File Inputs Overlay graphics support
Overlay graphics support Chroma Key as Input

Features

	Features
File ingest	
Execute multiple simu	ultaneous transcodes
Batch ingest	
Card ingest	
Clip merge	
Clip renaming	
Disable Clip File Nami	ing generation
Partially restore clips	
Rough cut	
Establish priority leve	ls
Insert Subclips SOM a	and EOM without colons
Automatic drag and d	
Drag and drop media	from several social networks
Generate XML sideca	ar with WAV file as output while ingest
Generate a .xml file fo	or each output AVID clip or AVID sequence
Merge as Sequence f	rom MP4 proxy files
Merge as sequence b	by sequence XML for MP4
	workflows available in job control attending the source files
Cut growing files and	I send them to (a playlist for) playout
Directly select the sto	orage on the dashboard instead of accessing workflow profiles
Copy assets	
Group resulting asset	ts into a single one
Copy - Transfer sideo	
	according to the destination format
	according to the destination format
Move assets	
Edit while transcoding	g/ingesting
Place locators on gro	
Multiple resolutions c	-
Frame rate conversio	
Variable Frame Rate I	Input
	(HDR) support - HLG (arib std-b67) / PQ (SMPTE 2084)
	R) up to 120fps (ST2081-10, ST2081-11, ST2082-10, ST2082-11 and ST2082-30)
	in after completion" scripts
Audio only OPAtom a	
Opt to not overwrite f	·
	s containing "Run-length encoding" video essence
	pport on EDL ingest workflow
Timecode SUM of sel	·
	, regardless of the input's format
Merge Trimmed files	
Merge files with diffe	rent framerates
Merge P2 with differe	
Merge operations for	
Allow the merge of m	
	Panasonic P2 structure
	e code breaks in Panasonic P2 Format
•	output (requires proxy option)
Create Edit Decision I	
	on of the sub-clips in an EDL widget
Ingest from cloud loca	
Digital Cinema Packa	
-	ment MP4 clips while uploading to a S3 bucket
-	les as fragmented MP4 with DCP packager
Digital Picture Exchar	
-	ompliant) as the output metadata
FTP for generic netwo	
-	tom source files after ingest
Support for GOPRO s	-
Support video with ve	
MOG file package sup	
	ge from Cloud Storages

Features
Outgest growing media directly from Interplay
Dual check in to interplay in a merge as sequence operation with the same MOBID for the sequences
HDR (PQ, HLG) conversion to SDR as output
Ingest image files
Support 48fps drop frame media (DJI Camera Drones)
Support for spanned clips
XDCAM support for spanned & merge clips in network locations/network devices
Add black bars to match the aspect ratio
Delete an Output via Job Abort
Schedule an Ingest operation through the Calendar via Automatic Jobs
Ingest and/or transcode the contents according to the destination format
Vubiquity assets support
Support for Vizzi collections as input files
Browse Avid Interplay folder structure from within the "Workflow selection window"
Avid Sub Clip export referencing Growing Master Clip
Generate Avid OPAtom assets to an FTP server
Update Metadata in Media Central/Interplay using AMT-3 library
Create Live Ingest Operations
Live Sources made available in the Asset Browser/Explorer widgets
Override start timecode
Index clips with same name but with different metadata
Exclude file extensions from File inputs
Burn-In Video options
Graphic burn-in while recording
Graphic burn-in while ingesting
Text (Position, Text color, Box Color, Font Size)
Timecode (Position, Text color, Box Color, Font Size)
Overlays support (images and videos positioning)
LUT (Look-Up Table) - Save particular color grades as a template
Quality control - Report
Video Report
Black frames detection
Video freeze detection
Scene change detection
Audio Report
Audio clipping detection
Loudness detection
Silence detection
Others
Timecode gap detection
Automated ingest
Dynamic workflows using metadata fields
Dynamic workflows with support for metadata without sidecars
Delete Assets in Dynamic Jobs
Support different input types on dynamic configurations
Ignore files before a start date
Re-process assets with the same name
Support metadata enhancement workflows
Vizzi Collections support
File playback
Simultaneous playback
Composition play
Instant play
Gang Play
Replay a group or an individual asset
Loop playback
Group Loop Playback
Gridline (3x5) Overlay
Remote preview
Support for 10bit
Synchronous SDI playback of multiple files
Closed captions

Cue mode	
Monitor - support HDR	
Option to add locators	
Play assets from cloud storages	
Preview Editing Decision Lists	
Preview Clip Lists	
Playback - 8K UHD	
Embedded VITC output support	
Step multiple frames forward and backwards on SDI/gang playback	
Timecode and metadata overlaying on SDI out	
Support for growing assets in player	
Support for spanned assets in player	
Timecode only monitoring	
Use of a contour shuttle to control an asset during playback	
Playback duration showing the remaining time of the clip	
Remove clips	
Reorder clips	
Export playlist	
Create new playlists with the current assets selection	
High Dynamic Range (HDR) support - HLG (arib std-b67) / PQ (SMPTE 2084)	
High Frame Rate (HFR) up to 120fps (ST2081-10, ST2081-11, ST2082-10, ST2082-11 and ST2082-30)	
Preview - Possibility to change the playback speed by multiplier factors	
Simple Time Delay: Scheduling a Playback of a Single File in Growing Recording Mode	
Read Metadata Timecode Package (Auto / Material Package / Source Package)	
ayout	
Playout Preparation	
Build playlists in a Playlist Builder widget	
Create multiple Playlists	
Allow configuring playout clip action while preparing the playlist	
Support visual separators for rPlayout playlists	
Drag and Drop clips to the player for media preparation	
Support insertion of Timecodes without separators ":" in the playlist builder	
Use both types of TC (Relative and Absolute) for Mark-ins and mark-out at playlist builder	
Trim clips to be included in the Playlist	
Editable timecodes of the in and out points	
Re-arrange clips order Duplicate Edit Decision Lists	
Export Edit Decision Lists	
Playout Control	
Edit playlist on the fly and while playing	
Playlist countdown and clip countdown	
File and clip list progress bars	
Playout Capture streams through SDI and native window	
Print to tape	
Queue clip on the playlist	
Queue on first frame and last frame	
Queue on first frame the first clip of the playlist	
Bypass action for playout clips	
Pause Playlist	
Playout to stream	
Thumbnail preview of the current clip on the playlist and its remaining time until Playout of the next clip	
On Air - current loaded playlist name	
Loop a playlist	
Loop one or more assets in the playlist	
Drag and Drop Clip List entries in Playout Control	
Multi-channel playout capability	
Schedule Playout	
Choose between Playout Services available - rPlayerSDI or CasparCG	
Mini control bar for use with Playout Control	
Keyboard shortcuts for playout control and associated WEB player	
Autoplay option	
As Run Log's containing Date, Time, Clip name, Time Code In, and Time Code Out	

Features
Prepare the Playout clip actions while preparing the playlist
Input/output social media *Optional
Google Chrome Social-m Plugin
Social-m - Add support for live stream capture
Metadata in Chrome Social-m Plugin
Capture to Facebook Live
Stream to Facebook Live
Stream to Twitch Live
Capture to YouTube Live
File based YouTube Upload
Capture X (Twitter) Live
Stream to X (Twitter) Live
Upload to Vimeo
Metadata social annotation and enhancement
PAM - Production Asset Management
Advanced text search
Asset browser permissions Asset collections
Asset essences
Asset essences for generic sources
Asset comments
Enable on-the-fly tagging
Flexible metadata management
Dynamic Automatic Jobs - Age value for CreationDate (Available for Copy, Move, Archive Workflows)
Display of Essences File Paths
Check-in via detector
Check-in via metadata update
Check-in via workflow
Interactive approval workflows
MOG player proxy
Optional Proxy creation
Manual Proxy creation
Move option in asset collections
Collections as input in automatic jobs
Private and shared asset collections
Show the creator of the collection
Statistics for collections
Save searches and filters
Rich logging workflows
User abstraction for in/out assets
Instant play, anytime and anywhere of any asset (with or without proxy)
Disk-to-Disk Storage Manager (Archive and Restore) Metadata Enhancement and preservation
Artificial Intelligence
Audio
Audio clipping detection
Loudness detection
Silence detection
Voice activity detection
Audio mute detection
Audio phase detection
Mono audio detection
Video
Black frames detection
Video freeze detection
Scene change detection
Black Margins detection
Flashing video detection
Object
Concept tagger 2.0
Vehicle detection
License plate detection

	Features
Other	
	imecode gap detection
-	pdate existing interplay entry with new metadata
Po	ossibility to add bounding boxes to player
Trans	form
A	utomatically Blur License Plates
BI	lack margins automatic crop
R	emove audio clicks
R	emove audio clipping
	I Upscale
	educe video flashing
Additional Al	-
	gnition 2.0
	gnition - Support dataset with multiple images for each person
-	tection 2.0
	haracter Recognition (OCR)
-	cognition 2.0 (with ability to detect non speech tokens)
mTALK	
Communic	cate via audio between two or more users
QR code ir	mplementation
WebApp (requires Android smartphone)
Toggle Mo	ode
Analytics	
Integrate	with Google Analytics and Tag Manager
Enable or	disable Analytics
	k of menu events
-	ideo metrics
	k of Job Control widget's events
	k of Asset Explorer widget's events
Improved sec	-
	br Windows UAC
	or HTTP/HTTPS Ingress
	ypertext Transfer Protocol Secure) for REST API
Secure log	yin
User Impe	rsonation
Token bas	sed authentication
Two-facto	or authentication
Remote se	ervices, system restart, and settings recovery features
DASH/HLS	S packager with DRM
Opt to "Ke	ep me signed in"
Send a Us	er Verification through email
Configura	ble password visibility in logs
Orchestration	
	tion View for output workflows
	Aenu that eases Group and Cluser Configurarion while displaying running servicers per node
	eleration protocols
	-
	SP transport technology - Transfer acceleration protocol
	st direct - Transfer acceleration protocol
	eleration *If Hardware is installed or available
Sony XAV	C
Panasonic	: AVC-Ultra
Nvidia Nve	enc
Conorol Durn	ose IN/OUT
General Purpo	rs supported
-	ers supported
GPI trigger	
GPI trigger	phights
GPI trigger GPO trigger Additional Hig	Jhlights - allows interaction with RESTful web services
GPI trigge GPO trigge Additional Hig REST API	- allows interaction with RESTful web services
GPI trigge GPO trigge Additional Hig REST API Change As	- allows interaction with RESTful web services spect Ratio (4:3 / 16:9 / 1.9:1 / 2:1 or use same as source)
GPI trigger GPO trigger Additional Hig REST API Change As Active For	- allows interaction with RESTful web services

Features
Configurable quality and target latency of the preview stream
Logging - Human readable information on Services logs
Logging - Add user information on flow actions
Logging - Structured Logging
Receive SMTP notifications via e-mail
Support an external Database
Microsoft Edge / Firefox / Safari and Chrome Support
Unified Interface User Experience
Configurable web interface access port
Embeddable Dashboards/Widgets
Web-Based Interface with video preview
Dashboards based experience where users can create their own personalized view
Dashboards presets for ease-of-use deployment
Create your own custom dashboard templates
Import and Export Users' Dashboards
Associate a single dashboard to multiple users
LDAP user authentication
User profile management
Users permissions control
Widget based modular interface
Lock/Unlock widgets permission
Choose between multiple interface themes (Midnight, Carbon, Dark or High contrast theme)
Touch screen mode
Monitoring - Advanced metrics
Multi Language Support
User tour
Show/Hide player overlays
Notifications of required actions needed to resume a workflow
Monitor Grouped Servers' activity in a Group Activity Widget
Remove the "quick edit" button from the Job Control Widget
(Set Permissions to) Activate or Deactivate Settings of a Gang Capture widget
Multiviewer
Define the quality and target latency of the preview stream
Ability to control to up to 4 players in a single dashboard
Maintenance
Scheduler
Reboot host or group
Export database (backup) as a scheduled task
Export logs as a scheduled task
Activity
Export last activity
Export all activity
Export activity from a date range
Clear all activity
Logs
Export logs
Backup
Export full backup - A full backup will create an archive of all the files and configurations
Import full backup
Dashboards
Export dashboards from one user or all users
Import dashboards
Data
Clean data usage
Clean assets, flows and notifications
Perform a Factory Data Reset
Erase all data and reset the system
Force clear cache



Technical Specifications

Supported File Inputs

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In	nп	
	90	-

Pain File or Structures Pain File Pain Fil		Inputs
Bisck/kapic Generates Bisck/kapic Generates Avaid Files Avaid Files Avaid Files Avaid Files Avaid Files Avaid Files Avaid Sequences (instatur clips and rendered sequences) Convolt Call Mo (Data) Berbook Call Avaid Convolt Call Mo (Data) IVECAND CPM Ma Avaid Convolt Data Call Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome Passacome		Plain Files or Structures
Part of the second s		ARRI ALEXA Cameras
Avid Files Avid Sequences (insafter cips and randered sequences) CANNE DSLR 50, 7D, C300, C100 Cohn Cards INECOAMI OFPAK JUC, ICV E ID models] INECOAMI OFPAK JUC, ICV E ID models] INECOAMI OFPAK Panesorie P2 Panesorie P2 VERICE VERICE (INSER) VERICE VERICE VERICE (INSER) VERICE VERICE VERICE VERICE (INSER) VERICE VE		BlackMagic Cameras
Avd Modia Files (samablem or Navirg/ISIS) Avd Modia Files (samablem or Navirg/ISIS) CANON DSLR 50, 70, C300, C100 Opho Crists CANON DSLR 50, 70, C300, C100 Opho Crists Not ISIS Not ISIS Not ISIS Panasonic AU-EVAI and GHS Cameros VECAMEX Samosic AU-EVOI 2/30/35 / AU-MPD1 AU-PCD2 / AU-PDD 20/30/35 / AU-MPD1 AU-PCD2 / AU-PDD 20/30/30 AU-PCD2 / AU-PDD 20/30/35 / AU-MPD1 AU-PCD2 / AU-PDD 20/30/30 AU-PCD2 / AU-PDD 20/30/30		RED Digital Cinema
Avid Sequence (master cips and rendered sequence) Avid Sequence (master cips and rendered sequence) GAPYO Cards GAPYO Cards VEXTON DSLIE 8.97, VEXTON CONCOLOG GAPYO Cards VEXTON DSLIE 8.97, VEXTON CONCOLOG VEXTON DSLIE 8.97, VEXTON CONCOLOG Parasonic PZ Parasonic AL-EVVI and CH5 Cameras Parasonic AL-EVVI and CH5 Cameras Parasonic AL-EVVI and CH5 Cameras VEXTON DSLIE 8.07, VEXTON CONCOLOG VEXTON DSLIE 8.07, VEXTON CO		Avid Files
CANON DSL 85, 720, C300, C100 CANON DSL 85, 720, C300, C100 KESCAMI, GP PK National DSL 700, CARS National DSL 700, CARS National DSL 700, CARS Panasonia AL-PCX 1 and OHS Cameras Panasonia AL-PCX 1 and OHS Cameras Panasonia AL-PCX 203035 / AL-MED1 AL-PCO 2 / AL-PCD 203035 / AL-MED1 AL-PCD 2 / AL-PCD 203035 / AL-MED1 AL-PCD 2 / AL-PCD 203005		Avid Media Files (standalone or Nexis/ISIS)
CANON DSL 85, 720, C300, C100 CANON DSL 85, 720, C300, C100 KESCAMI, GP PK National DSL 700, CARS National DSL 700, CARS National DSL 700, CARS Panasonia AL-PCX 1 and OHS Cameras Panasonia AL-PCX 1 and OHS Cameras Panasonia AL-PCX 203035 / AL-MED1 AL-PCO 2 / AL-PCD 203035 / AL-MED1 AL-PCD 2 / AL-PCD 203035 / AL-MED1 AL-PCD 2 / AL-PCD 203005		Avid Sequences (master clips and rendered sequences)
GoPco Cards In Control (A) Control (A) In Contro (A) </td <th></th> <td></td>		
JVC (AVC Ho models) Nextool NS9 25 Panasonic AU-EVAL and GHS Cameras AU-XPDE / AU-XPDEJ AU-XPDE / AU-XPDEJ AU-XPDE / AU-XPDEJ Sony SNG SBAC-UTTOD, SBAC-USTOQ/30/0 XDCAM HD: Disc (PDW-U1, PDW-U2, PDW-U4) XXVC Structures GUI Camera Drones) HLS Structures MOC Package MOC Package Regen: Regen: Not KIN Not KIN Not KIN Poly Newick Regen: Regen: Not KIN Poly Newick Regen: Resone Regen: Not KINS / Newick Regen: Resone Resone Resone Resone Resone Resone		
NextQD N88-25 Panasonic P2 Panasonic P2 AL-PCD 27 (AL-PCD 20)(30/35 / AL-MCD 1 Sort ADE MARCH NED VEX AL-PCD 27 (AL-PCD 20)(30/35 / AL-MCD 1 MOV PACH NED Sort ADE MARCH NED MARE		IKEGAMI GFPAK
Pansonic JL 24A1 and GHS Cameras Pansonic D2 AL-PCD 2 / AL-PCD 20/30/35 / AL-MCPD1 AL-PCD 2 / AL-PCDEJ XDCAM EX Sony SSG SBAC-UTD0, SBAC-US10/20/30 XDCAM FL Sony SSG SBAC-UTD0, SBAC-US10/20/30 XDCAM HD: Disc (PDW-U1, PDW-U2, PDW-U4) XXXC Structures Difference Sony SDCAM HD: Disc (PDW-U1, PDW-U2, PDW-U4) XXXC Structures MCG Package MCG Package MCG Package NoG Package <t< td=""><th></th><td>JVC (AVC HD models)</td></t<>		JVC (AVC HD models)
Parisonic P2 AL-POTC / AL-POSEJ AL-POTC / AL-POSEJ AL-POTC / AL-POSEJ FORME SUCAM EX TOCAM EX AL-POTC / AL-POSEJ		NextoDI NSB-25
Al-PCD 2 / AJ-PCD 20/30/35 / AJ-MPD1 AU-XCDE / AU-XPD3EJ AU-XCDE / AU-XPD3EJ Sony SAS (BAC-UTIOD, SBAC-USI0/20/30) XCOM HD: Disc (PDW-U1, PDW-U2, PDW-U4) XAVC Structures DI (Comero Drones) UI (Comero Drones) HLS Structures AUG Package HLS Structures AUG Package NEWOOK HIS Structures AUG Package AUG Package HLS Structures AUG Package AUG		Panasonic AU-EVA1 and GH5 Cameras
AU-XPDE / AU-XPD3EJ XDCAM H0 Sony Sx (SRA-UTI00, SRAC-USI0/20/30) XDCAM H0 XDCAM Network XDCAM Network XDCAM Network XDCAM Network XDDA Network XDCAM Network XDDA D1hy TM MediaNetwork DDP - Dynamic Drive Pool Facilis TerraBiolch Addi SIS / Nakis XDCAM Network Solutions EVO Quantum StorNact 2 XX NAS Storage Stock Ostwork Solutions EVO Quantum StorNact 2 XX NAS Storage YDA NA YDA NA YDA ND YDA ND YDA ND		Panasonic P2
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Lucidlink Cloud NAS Google Cloud Storage		
Google Cloud Storage		

Inputs

mDECK

Cloud Generic S3 storages
Consumer Cloud Storages
Apple I Cloud Drive
Dropbox
Google Drive
Microsoft One Drive

Supported File Outputs

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	Outputs
	Avid ISIS / Nexis
	Avid Unity™ MediaNetwork
	DDP – Dynamic Drive Pool
	Facilis TerraBlock
	Harmonic MediaGrid
	Editshare EFS
	NAS / SAS (SMB 2.0 and 3.0)
OnPrem	Quantum StorNext
Unprem	ScaleLogic NX2 & ZX NAS Storage
	EMC Isilon
	QNAP
	Studio Network Solutions EVO
	Oracle Storage
	Netapp
	FTP Servers (List on request)
	Generic File Shares
	Consumer Cloud Storages
	Apple I Cloud Drive
	Dropbox
	Google Drive
	Microsoft One Drive
	Multiple and Adaptive bitrates for the OTT *Optional
	Professional Cloud Storages
	Adobe Creative Cloud
	Amazon S3 Glacier
Cloud	Microsoft Azure Storage
Ciouu	Tencent
	Lucidlink Cloud NAS
	Google Cloud Storage
	IBM Cloud Object Storage
	Generic S3 storages
	Social Media *Optional
	Facebook
	X (Twitter)
	Vimeo
	YouTube

Supported Live Inputs

	Inputs
	SDI
	SD-SDI (SMPTE 259M)
	3G-SDI (SMPTE 292M, SMPTE296M, SMPTE372M, SMPTE425M)
	12G-SDI (SMPTE ST-2081/SMPTE ST-2082, SMPTE/2108-1)
	12G-SDI (Quad-Link 3G-SDI)
	Support for 8, 10 and 12 bits
Live	Streams
Live	Video Content Hyperlinks
	HLS
	MPEG-TS
	MPEG-DASH
	RTMP (with support for HEVC / VP9 / AV1)
	RTP
	RTSP

Inputs

mDECK

	NewTek NDI
	UDP
	Haivision SRT
	WebRTC
	Zixi
	Audio
	Dante audio *Negotiated separately
Live	Social Media
	Facebook
	Twitch
	X (Twitter)
	YouTube
	IP Live *Optional
	ST2022-6
	ST2022-7
	ST2110-10, ST2110-20, ST2110-21, ST2110-30, ST2110-31
	ST2110-40
	ST2110 - NMOS IS-04 and IS-05 support

Supported Live Outputs

	Outputs
	SDI
	SD-SDI (SMPTE 259M)
	3G-SDI (SMPTE 292M, SMPTE296M, SMPTE372M, SMPTE425M)
	12G-SDI (SMPTE ST-2081/SMPTE ST-2082, SMPTE/2108-1)
	12G-SDI (Quad-Link 3G-SDI)
	Support for 8, 10 and 12 bits
	Streams
	HLS
	Microsoft Smooth Streaming
	MPEG-DASH
	Low Latency Dash - LL-Dash
	NewTek NDI
	MPEG-TS
	RTMP (with support for HEVC / VP9 / AV1)
	RTP
Live	RTSP
LIVE	UDP
	Haivision SRT
	WebRTC
	Vizzi
	Live Output
	Social Media *Optional
	Facebook
	Twitch
	X (Twitter)
	Vimeo
	YouTube
	Multiple and Adaptive bitrates for the OTT *Optional
	IP Live *Optional
	ST2022-7
	ST2110-10, ST2110-20, ST2110-21, ST2110-30, ST2110-31
	ST2110-40



Formats

Input Formats

Input Video Formats

	Input Video Formats
ARRI ARRIRAW	
Blackmagic RAW	
Digital Cinema Packages (DCP)	
Digital Picture Exchange (DPX)	
RED Digital Cinema	
IMX 30/40/50 Mbps	
MPEG2 LGOP 18/25/35 Mbps 4:2:0	
MPEG2 LGOP 50/70 Mbps 4:2:2	
MPEG2 LGOP 422 50 Mbps	
MPEG2 LGOP 420 1440x1080 35 Mbps	
MPEG2 LGOP 420 (FULL) 35 Mbps	
DVCAM 25 Mbps	
XAVC Intra 50 / 100 Mbps	
XAVC Intra 300 / 300 VBR / 480 / 480 VBR Mbps	
XAVC LGOP 25 / 35 / 50 Mbps	
XAVC LGOP 60 / 100 / 140 / 150 / 200 Mbps	
DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps	
AVC-Intra 50/100 Mbps	
AVC-Intra 200 Mbps	
AVC-Intra 2K422	
AVC-Intra 4K422	
AVC Ultra (LGOP 6/12/25/50 Mbps)	
DNxHD (SQ/HQ/HQX/LB)	
DNxHR (SQ/HQ/HQX/LB)	
H.264 4320P 80 - 150 Mbps High Profile	
H.264 4320P 150 - 280 Mbps High Profile	
H.264 2160p 35 - 68 Mbps High Profile	
H.264 1440p 16 - 24 Mbps High Profile	
H.264 1080p 8 - 12 Mbps High Profile	
H.264 720p 5 - 7.5 Mbps High Profile	
H.264 480p 2.5 - 4 Mbps High Profile	
H.264 360p 1 - 1.5 Mbps High Profile	
H.264 2160p 13 - 51 Mbps High Profile (Live)	
H.264 1440p 6 - 18 Mbps High Profile (Live)	
H.264 1080p 3 - 9 Mbps High Profile (Live)	
H.264 720p 1.5 - 6 Mbps High Profile (Live)	
H.264 480p 0.5 - 2.0 Mbps High Profile (Live)	
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)	
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)	
H.264 L10 10 Mbps	
H.264 MOG 1Mbps	
H.265/HEVC 10 Mbps LGOP	
H.265/HEVC 25 Mbps LGOP	
H.265/HEVC 50 Mbps LGOP H.265/HEVC 100 Mbps LGOP	
H.265/HEVC 4K 25 Mbps LGOP	
H.265/HEVC 4K 50 Mbps LGOP	
H.265/HEVC 4K 50 Mbps LGOP H.265/HEVC 8K 25 Mbps LGOP	
H.265/HEVC 8K 50 Mbps LGOP	
H.265/HEVC 8K 100 Mbps LGOP	
H.265/HEVC 4:2:2 LGOP	
H.265/HEVC 4K 4:2:2 LGOP	
H.265/HEVC 8K 4:2:2 LGOP	
NDI HX H.264 - High Profile	
NDI HX H.265 - High Profile	
MPEG-5 EVC Baseline Profile	
MPEG-5 EVC Main Profile	
MPEG VVC/H266 Main Profile	
ProRes 422 (SQ/HQ/LT)	

Input Video Formats

mDECK

ProRes 4444
ProRes 4444XQ
JPEG 2000 (Full HD)
JPEG 2000 (4K)
JPEG 2000 (8K)
Google® VP6 / VP7 / VP8 / VP9 (Full HD)
Uncompressed UYVY 422 / V210 / RGBA
AOMedia Video 1 (Full HD)
AOMedia Video 1 (4K)
AOMedia Video 1 (8K)
IMF (JPEG 2000 @ Full HD)
IMF (JPEG 2000 @ 4K)
IMF (JPEG 2000 @ 8K)

Output Formats

Output Video Formats
IMX 30/40/50 Mbps
MPEG2 LGOP 18/25/35 Mbps 4:2:0
MPEG2 LGOP 50/70 Mbps 4:2:2
MPEG2 LGOP 422 50 Mbps
MPEG2 LGOP 420 1440x1080 35 Mbps
MPEG2 LGOP 420 (FULL) 35 Mbps
DVCAM 25 Mbps
XAVC Intra 50 / 100 Mbps
XAVC Intra 300 / 300 VBR / 480 / 480 VBR Mbps
XAVC LGOP 25 / 35 / 50 Mbps
XAVC LGOP 60 / 100 / 140 / 150 / 200 Mbps
DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps
AVC-Intra 50/100 Mbps
AVC-Intra 200 Mbps
AVC-Intra 2K422
AVC-Intra 4K422
AVC Ultra (LGOP 6/12/25/50 Mbps)
DNxHD (SQ/HQ/HQX/LB)
DNxHR (SQ/HQ/HQX/LB)
H.264 4320p 150 - 280 Mbps High Profile
H.264 4320p 80 - 150 Mbps High Profile
H.264 2160p 35 - 68 Mbps High Profile
H.264 1440p 16 - 24 Mbps High Profile
H.264 1080p 8 - 12 Mbps High Profile
H.264 720p CBR - 6.5 Mbps High Profile
H.264 720p 5 - 7.5 Mbps High Profile
H.264 480p 2.5 - 4 Mbps High Profile
H.264 360p 1 - 1.5 Mbps High Profile
H.264 2160p 13 - 51 Mbps High Profile (Live)
H.264 1440p 6 - 18 Mbps High Profile (Live)
H.264 1080p 3 - 9 Mbps High Profile (Live)
H.264 720p 1.5 - 6 Mbps High Profile (Live)
H.264 480p 0.5 - 2.0 Mbps High Profile (Live)
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)
H.264 1080p CBR 15 Mbps MAIN Profile
H.264 480p CBR 2.3 Mbps MAIN Profile
H.264 360p CBR MAIN Profile
H.264 432p CBR MAIN Profile
H.264 576p CBR MAIN Profile
H.264 720p CBR MAIN Profile
H.264 1080p CBR MAIN Profile
H.264 576p CBR - 3 Mbps MAIN Profile
H.264 720p CBR - 4 Mbps MAIN Profile
H.264 1080p CBR - 5Mbps MAIN Profile
H.264 15-30 Mbps MAIN Profile

Output Video Formats

mDECK

H.264 L10 10 Mbps H.264 WebRTC Baseline H.265/HEVC LGOP 4:2:2 H.265/HEVC 10 Mbps LGOP H.265/HEVC 25 Mbps LGOP H.265/HEVC 50 Mbps LGOP H.265/HEVC 100 Mbps LGOP H.265/HEVC 4K 25 Mbps LGOP H.265/HEVC 4K 50 Mbps LGOP H.265/HEVC 8K 25 Mbps LGOP H.265/HEVC 8K 50 Mbps LGOP H.265/HEVC 8K 100 Mbps LGOP NDI HX H.264 - High Profile NDI HX H.265 - High Profile MPEG-5 EVC Baseline Profile MPEG-5 EVC Main Profile MPEG VVC/H266 Main Profile ProRes 422 (SQ/HQ/LT) ProRes 4444 ProRes 4444XQ JPEG 2000 (Full HD) JPEG 2000 (4K) JPEG 2000 (8K) Google® VP6 / VP7 / VP8 Google® VP9 (Full HD) Google® VP9 (4K) Google® VP9 (8K) Uncompressed UYVY 422 / V210 / RGBA AOMedia Video 1 (Full HD) AOMedia Video 1 (4K) AOMedia Video 1 (8K) IMF (JPEG 2000 @ Full HD) IMF (JPEG 2000 @ 4K) IMF (JPEG 2000 @ 8K)

Proxy Formats

XAVC LGOP 25 / 35 Mbps

Output Proxy Formats

AVC Ultra (LGOP 6/12/25 Mbps) H.264 @ 500 Kbps Flash H.264 @ 486p 1 / 1.5 Mbps Flash H.264 360p @ 1.6 Mbps Flash H.264 720 480p @ 8 / 10 Mbps Flash H.264 720p @ 8 / 15 / 16 / 20 / 24 / 25 Mbps Flash H.264 854 480p @ 8 / 10 Mbps Flash H.264 960 540p @ 3 Mbps Flash H.264 1080p @ 8 / 15 / 16 / 20 / 24 / 25 Mbps Flash H.264 SD @ 4 / 8 / 15 / 20 / 25 Mbps H.264 480p @ 0.5 - 2 Mbps High Profile (Live) H.264 360p @ 0.4 - 1 Mbps High Profile (Live) H.264 240p @ 0.3 - 0.7 Mbps High Profile (Live) ProRes Proxy 1920x1080 ProRes Proxy 1280x720 ProRes Proxy 960x540 ProRes Proxy SD (16:9 Raster) ProRes Proxy SD MPEG-1 (layer 2) @ 1.5 Mbps Avid MPEG-2 (SIF @ 2Mbps) H.264 MOG 1Mbps H.264 Interplay Web (SD, 800 Kbps, and 2 Mbps) Sony Proxy AV (MPEG-4 Part-2) @1.5 Mbps

NOG OTT Formats *

H.264 2160p 35 - 68 Mbps High Profile H.264 1440p 16 - 24 Mbps High Profile H.264 1080p 8 - 12 Mbps High Profile H.264 720p 5 - 7.5 Mbps High Profile H.264 480p 2.5 - 4 Mbps High Profile H.264 360p 1 - 1.5 Mbps High Profile H.264 2160p 13 - 51 Mbps High Profile (Live) H.264 1440p 6 - 18 Mbps High Profile (Live) H.264 1080p 3 - 9 Mbps High Profile (Live) H.264 720p 1.5 - 6 Mbps High Profile (Live) H.264 480p 0.5 - 2.0 Mbps High Profile (Live) H.264 360p 0.4 - 1.0 Mbps High Profile (Live) H.264 240p 0.3 - 0.7 Mbps High Profile (Live) H.264 360p CBR MAIN Profile H.264 432p CBR MAIN Profile H.264 576p CBR MAIN Profile H.264 720p CBR MAIN Profile H.264 1080p CBR MAIN Profile H.264 576p CBR - 3 Mbps MAIN Profile H.264 720p CBR - 4 Mbps MAIN Profile H.264 1080p CBR - 5Mbps MAIN Profile H.265/HEVC 10 Mbps LGOP H.265/HEVC 25 Mbps LGOP H.265/HEVC 50 Mbps LGOP H.265/HEVC 100 Mbps LGOP H.265/HEVC LGOP 4:2:2 Google® VP9 (Full HD) Google® VP9 (4K)

* Optional output

Product Integrations

Editing Sytems	MAM / PAM / DAM	Cameras	Consumer Cloud Storages
Adobe Premiere Pro	CatDV MAM	Canon (DSLR5D, DSLR 7D)	Dropbox
AVID Media Composer	CatDV PAM	Canon (DSLR C300, DSLR C100)	Google Drive
AVID Media Central UX	CatDV DAM	ARRI Alexa XT (ARRIRAW)	Microsoft One Drive
AVID Media Central Cloud UX	eMAM Media Asset Management	Panasonic AU-EVA1	Apple I Cloud Drive
Apple Final Cut Pro X	Telestream: Masstech	Panasonic GH5 Cameras	CDN's
Edius: Pro 8, Workgroup 9	AVID Interplay	Panasonic CX350 HEVC	Lumen
BlackMagic: DaVinci Resolve Studio	AVID Media Central UX	Panasonic PTZ Cameras	Fastly
Autodesk: Flame	AVID Media Central Cloud UX	Ikegami Gfpack	Akamai Technologies
Storage	AXLE MAM	JVC AVC HD camera models	Microsoft Azure
AVID ISIS Storage	Editshare Flow	LUMIX DC-S1H	Cloudflare
AVID Nexis Storage	MOG Vizzi	NewTek PTZ3 UHD Camera	Limelight Networks
Avid UnityTM MediaNetwork	Medialoopster MAM	NewTek PTZ3 Camera	Amazon CloudFront
Dynamic Drive Pool SAN Storage	Professional Cloud Storages	RED Digital Cinema	BootstrapCDN
Facilis Terrablock	Adobe Creative Cloud	GOPRO	StackPath
Harmonic MediaGrid	Amazon EC2	Card Readers	KeyCDN
Quantum: Storenext	Amazon S3	Panasonic P2 (AJ PCD 2 / AJ PCD 20/30/35)	Rackspace
Scalelogic: NX2 & ZX NAS Storage	Amazon S3 Glacier	Panasonic P2 (AJ MPD1)	Alibaba Cloud Content Delivery Service
Editshare EFS	Microsoft Azure Storage	Panasonic P2 (AU-XPD1E / AU-XPD3EJ)	CacheFly
EMC: Isilon	Microsoft Azure Virtual Machines	Panasonic P2 (AG HPG 20)	Verizon
QNAP	Tencent: Cloud Storage	Sony XDCAM EX (SxS Cards): SBAC- US10/20/30	Social Media *Optional
Studio Network Solutions: EVO	Lucidlink Cloud NAS	Sony XDCAM EX (SxS Cards): SBAC-UT100	Facebook
Oracle Storage	Google Cloud Storage	Sony XDCAM EX (SxS Cards): MRW E-80	Twitch
Netapp	IBM Cloud Object Storage	Sony XDCAM EX (SxS Cards): MRW E-90	X (Twitter)
Transfer Acceleration Protocols	Generic S3	Sony Disc Reader: PDW-U1, PDW-U2	YouTube
File Catalyst Direct	Stream	VTR Decks	Vimeo
IBM: Aspera File Transfer	Newtek NDI	XDCAM HD: Disc (PDW 1500, PDW HD1500)	Archive
Peripheral Devices	Haivision SRT	XDCAM HD: Disc (PDW F70)	Archiware P5
Countour Shuttle Pro V2	Zixi	XDCAM Station (XDS1000)	Audio
Elgato Stream Deck	Structures		Dante *Negotiated separately
	XAVC Structures		

mDECK Grand dn | 2024.07.00 Datasheet | Rev. 1.28 | 2024/08/28

Output OTT Formats



mDECK

Server Options

Features		es	Specs
	Platform		Dell R750
_	GPU		1x Nvidia A2
System	Video IO		1x DeckLink 8K Pro
Sys	Storage Drive		8TB SSD
	Operating System Drive		480GB RAID 1
	Operating System		Windows 10 Enterprise (LTSC)
	Networking	1Gb Ethernet Port	2
	Networking	10Gb Ethernet Port SFP+	2
/ity	Video	VGA Out	1
Connectivity	USB	2.0	1
nne	035	3.0	1
ပိ	BNC 12G In/Out		4
	Ref. In		1
	Power Requirements		Dual 1100W
		LTC Input	1
ity ity	Peripheral Module**	Audio Out	1
Extended Connectivity		Breakout Connector	1
ixte nne		RS422	4
^۳ ی	Breakout Cable**	GPO branch with 4 outputs	1
		GPI branch with 4 inputs	1
	Dimensions & Weight		2RU, 772x482x86.8mm (D, W, H), ~40 kg
	Delivery Packaging		970x660x310mm (D, W, H), ~45Kg
Other	Temperature	Storage	-40°C to 65°C (-40°F to 149°F)
õ		Continuous Operation	10°C to 35°C (50°F to 95°F)
	What is Included	Power Cable	2x C13 to C14
	That is moluucu	Other	Static rails for 2/4-post racks

** Not included by default

Concurrent Media Operations

With mDECK Grand dn, it is possible to run different media operations simultaneously, thus guaranteeing a universe of distinct arrangements to meet the challenging day-to-day activities of media production companies.

Media operations include recording, ingest, transcoding, playback, file preview, live channel switching, and intercom.

mDECK Grand dn supports up to 8 media operations at the same time. Within this margin, you can combine the operations shown in the table below:

Concurrent Media Operations					
Record	Ingest & Transcode	Playback	File Preview	Live Switch	Intercom
Up to 4 live channels	Up to 1 operation	Up to 4 playback files	Up to 5 files preview	Up to 1 operation	Up to 1 operation

Note: when using operations dependent on video inputs and outputs, the physical limit of the video card must be respected. Thus, the sum of these operations cannot be greater than 4.

Product

Part Number	Product	Description
mdgrdn	mDECK Grand dn	Deck appliance for digital news workflows of up to 8 combined media operations





Available Options

Choose from the products below to customize the mDECK Grand dn according to your business rules.

Production Tools

Tools for asset management and workflow orchestration.



mPAM

Benefit from a state-of-the-art content and production asset manager tool with mPAM. Streamline daily operations and empower your creative teams with the right tools to find, manage, track, enhance and deliver media files throughout the entire production ecosystem from a single interface.

mPLAN

Setup scheduled events not only from the standard scheduler but through a unique roll out view interface. mPLAN is a tool that maintains a single rollout view of all scheduled events, allowing the management of the ingests process very efficiently. It manages multiple scheduled events across a variety of recording platforms in a multichannel environment using router control cross-points.

Part Number	Product	Description
mpam1u	mPAM	Content and production asset manager per licensed user
mpla1c	mPLAN	Scheduler & Router Control per licensed channel

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

Add-ons

Output options to complement your workflows.

Part Number	Product	Description
groasa	OTT & Social media	Multiple output resolutions for OTT & Simultaneous social media shares

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

Plugins

Complement any media production and distribution workflow with turnkey plugins and extensions.



Social-m

Quickly fetch and publish your live or VoD contents to social media.

This social media plugin for Chrome will let users ingest media without having to access the mDECK GUI, allowing the content to be ready for editing or any other task, in no time. Simply open the plugin, insert the URL and run the workflow to fetch your video, with option to preserve metadata.



Screen-m

Quickly capture and deliver your screen contents to your production environment.

Easily record your screen in its entirety or choose one of the open windows. You can even enable the capture of a microphone and the mouse cursor to make it easier to explain any presentation.

Part Number	Options Description
smpi	Social-m plugin - Social media capture & Publishing
scpi	Screen-m plugin - Screen capture & Delivery

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



mDECK

Artificial Intelligence

Artificial intelligence engine to boost and facilitate media tasks even more.

Default (already included)			
Black frames detection	Voice activity detection		
Video freeze detection	Silence detection		
Black margins detection	Loudness detection		
Audio clipping detection	Loudness balance		
Audio mute detection	Vehicle detection		
Audio phase detection	License plate detection		
Audio mono detection	Concept tagger		
Timecode gap detection	Bouncing boxes		
Scene change detection	Update existing interplay entry with new metadata		
Transformation			
Frame rate conversion	Crop black margins		
Remove audio clicks	Al upscale		
Remove audio clipping	Blur license plates		

Additional AI Operations				
Part Number	Product			
graifr	Face Recognition and Age Prediction			
graiod	Object Detection			
graicr	Optical Character Recognition			
graisr	Speech Recognition			

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

Hardware

Customize your solution to your day-to-day media needs.

Part Number	Product	Description
pcbx	Peripheral module	Optional MOG module to expand I/O available with 1x LTC, 1x audio output, 1x GPI, 1x GPO and 4x RS422
-	IP live card	Add up to 2 UHD IP channels into your media production infrastructure

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

Contact our sales team at sales@mog-technologies.com to find out how to purchase or in case you need more information.

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