

## mediaREC Standard Series



### Overview

mediaREC Standard series is a turnkey appliance family that can support FHD/HD/SD video gateways, to record four 3G-SDI channels in different file formats.

### Product Highlights

- Baseband Ingest - multiple simultaneous records
  - Multicamera recording
  - Loop recording
  - Crash recording
  - Scheduled recording
  - Batch recording
- Gateway for multiple destinations of any storage, NAS or SAN
- Full featured remote and local user interface
- Multi-configuration metadata management
- Flexible file naming engine
- Enables edit while ingest
- 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

## Technical Specifications

Devices / Connectivity	INPUT	OUTPUT
	Live	File
OnPrem	SD-SDI HD-SDI RTMP NDI HLS MPEG-TS	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	Social Media Sharing Professional Cloud Storages Consumer Cloud Storages OTT

Source	
Timecode	LTC (SMPTE 12M)
	VITC (SMPTE RP188)
	Time of Day
	From VTR (BVW) - Serial
Resolutions	Timecode Gap Detection
	PAL / PAL 16:9 / PAL Plus
	NTSC / NTSC 16:9
	720p 50/60
	1440x1080p 25/30
	1440x1080i 50/60
	1920x1080p 24/25/30
	1920x1080i 50/60
2160p 30/60	

Output Formats - HIRES	STANDARD MODELS			
	A	E	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 LGOP 25 / 35 / 50 Mbps	X		X	
DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps	X			X
AVC-Intra 50/100 Mbps	X			X
AVC Ultra (LGOP 6/12/25/50 Mbps)	X			X
DNxHD (SQ/HQ/HQX/LB)	X	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 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			
ProRes 422 (SQ/HQ/LT)	X	X		
Google® VP6 / VP7 / VP8 / VP9 (Full HD)	X			
Uncompressed UYVY 422 / V210 / RGBA	X			

Output Formats - PROXY	STANDARD MODELS			
	A	E	X	D
H.264 @ 500 Kbps Flash	X	X	X	X
H.264 @ 1 / 1.5 Mbps Flash	X	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	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	X
H.264 360p @ 0.4 - 1 Mbps High Profile (Live)	X	X	X	X
H.264 240p @ 0.3 - 0.7 Mbps High Profile (Live)	X	X	X	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	X	X
Avid MPEG-2 (SIF @ 2Mbps)	X	X	X	X
H.263 (interplay Web)	X	X	X	X
H.264 Interplay Web (800 Kbps and 2 Mbps)	X	X	X	X
Sony Proxy AV (MPEG-4 Part-2) @ 1.5 Mbps	X	X	X	X

## Server Options

This Dell server can support FHD/HD/SD video gateways for the following media operations: record, ingest, transcode, playback, stream, encode and decode.

Features	Specs	STANDARD MODELS			
		A	E	X	D
Platform	DeLL R440	X	X	X	X
GPU	Nvidia P620	X	X	X	X
Video	miniDUO2	X	X	X	X
Connectivity	2x 1Gb Eth, RS232, 2x USB 3.0, 2x frontal USB2.0, 4x DisplayPort, 4x 3G SDI I/O, 1x Ref In, 2x RS422, 1x LTC In	X	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	X
Power Requirements	Single 550W	X	X	X	X
Dimensions and Weight	1RU; 714.6x482x42.8mm (D,W,H); ~15Kg	X	X	X	X
Delivery Packaging	900x690x170mm (D,W,H), ~17Kg	X	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	X