

mediaREC Standard Series



Overview

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

Product Highlights

- Baseband Ingest - multiple simultaneous records
 - Multicamera recording
 - Loop recording
 - Crash recording
 - Schedule recording
 - Batch recording
- Gateway for multiple destinations of any storage, NAS or SAN
- Full-featured local and remote user interface
- Multi-configuration metadata management
- Flexible file naming engine
- Enable edit while ingest
- Burnt-in options: text, timecode, overlays (images and videos) and LUT

Available Options

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

Source	
Timecode	LTC (SMPTE 12M)
	VITC (SMPTE RP188)
	Time of Day
	From VTR (BVM) - Serial
	Timecode Gap Detection
Resolutions	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	

Proxy Formats

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	X	X	X
H.264 720p @ 15 / 20 / 25 Mbps Flash	X	X	X	X
H.264 854 480p @ 8 / 10 Mbps Flash	X	X	X	X
H.264 960 540p @ 3 Mbps Flash	X	X	X	X
H.264 1080p @ 15 / 20 / 25 Mbps Flash	X	X	X	X
H.264 SD @ 4 / 8 / 15 / 20 / 25 Mbps	X	X	X	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		
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	

Output Formats

Output Formats - HIRES	STANDARD MODELS			
	A	E	X	D
ARRI ARRIRAW	X			
Blackmagic RAW	X			
Digital Cinema Packages (DCP)	X			
RED Digital Cinema	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 LGOP 25 / 35 / 50 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	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 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		
ProRes 422 (SQ/HQ/LT)	X	X		
Google® VP6 / VP7 / VP8 / VP9 (Full HD)	X			
Uncompressed UYVY 422 / V210 / RGBA	X			

Server Options

This Dell server can support FHD/HD/SD video gateways for media recording operations.

Features	Specs
Platform	Dell R440
GPU	Nvidia P620
Video	miniDUO2
Connectivity	1x iDRAC Network Interface, 2x 1Gb Eth, 1x Serial Port, 2x RS422, 4x mini displayPort, 2x VGA, 4x DIN 1.0/2.3, 1x Ref In, 1x LTC Input, 2x USB 3.0, 2x USB 2.0, 1x micro USB and 3x 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 550W
Dimensions and Weight	1RU, 714.6x482x42.8mm (D,W,H), ~15Kg
Delivery Packaging	900x690x170mm (D,W,H), ~17Kg
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