

mediaPLAY Software and Kits



Overview

mediaPLAY is a playout software application that supports playing all kind of UHD/QFHD/FHD/HD/SD media files.

It allows the video file playback of four channels from all kinds of media into 12G-SDI.

Models

- Software
- Kit 4K: includes a 4 channels 3G-SDI video card and a MOG Peripheral Board
- Kit HD: includes a 4 channels 12G-SDI video card and a MOG Peripheral Board

Product Highlights

- File playback: 4 simultaneous operations
 - Composition play
 - Loop playback
 - Instant play
 - Schedule play
 - Remote preview
- Playlist management
 - Add clips
 - Remove clips
 - Reorder clips
 - Loop play
 - Export playlist:
 - Provides asset position, name, timecode in seconds and frames
 - Not able to import playlist
- Operation modes: manual, scheduled and automatic
- Local and remote preview of the playing video
- Full-featured local and remote user interface (including on a touch screen for quick control)

Technical Specifications

Devices / Connectivity	INPUT	OUTPUT
	File	Live
OnPrem	XDCAM Panasonic IKEGAMI NextoDI CANON JVC GoPro ARRI ALEXA Avid Files	SD-SDI HD-SDI UHD-SDI *

* The UHD-SDI output is not available for the HD Kit.

Input Formats

Input Formats	MODELS		
	Software	HD Kit	4K Kit
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
XAVC LGOP 25 / 35 / 50 Mbps	X	X	X
XAVC LGOP 60 / 100 / 140 / 150 / 200 Mbps	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
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
H.264 2160p 35 - 68 Mbps High Profile	X		X
H.264 1440p 16 - 24 Mbps High Profile	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
H.264 1440p 6 - 18 Mbps High Profile (Live)	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 / 50 Mbps LGOP	X		X
H.265/HEVC 8K 25 / 50 / 100 Mbps LGOP	X		X
ProRes 422 (SQ/HQ/LT)	X	X	X
ProRes 4444	X		X
JPEG 2000 (Full HD)	X	X	X
JPEG 2000 (4K/8K)	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)	X	X	X
AOMedia Video 1 (4K/8K)	X		X
IMF (JPEG 2000 @ Full HD)	X	X	X
IMF (JPEG 2000 @ 4K/8K)	X		X

Minimum Hardware Requirements

Component	mediaPLAY Software and Kits		
	Software	HD Kit	4K Kit
CPU	i7-8700 or above 2x Intel Xeon Silver 4214 2.2G or above		2x Intel Xeon Gold 5218 2.3G or above
RAM	4x 8GB		8x 8GB
OS Drive	240GB SSD		480GB SSD
Network	2x 1Gb		
Operating System	Windows 10 (Pro / Enterprise editions) Windows Server 2016 / 2019		
Compatible SDI Board	DeckLink 8K Pro		
	DeckLink 4K Extreme 12G		
	DeckLink SDI 4K		
	DeckLink Quad 2		
	DeckLink Duo 2		
	DeckLink Duo 2 Mini		
	DeckLink Mini Monitor 4K		
	DeckLink Mini Monitor		
Compatible Graphics Card	DeckLink SDI Micro		
	NVIDIA Quadro P2000 and above		
	NVIDIA Quadro RTX 4000 and above		
	NVIDIA Quadro GP100		
	NVIDIA Quadro GV100		

Note: we recommend the MOG peripheral board