



mediaPLAY Densu Series

Overview

mediaPLAY Densu series is a compact file playback turnkey appliance that supports playing two channels of all kind of media files, in IP Live and 3G-SDI, simultaneously.

A single node configuration performs two simultaneous playback files.

A dual node configuration performs four simultaneous playback files.

Note: IP Live is only available for the I models.

Product Highlights

- File playback: 4 simultaneous operations
 - Composition play
 - Loop playback
 - Instant play
 - Scheduled play
 - Remote preview
- Playlist management
 - Add clips
 - Remove clips
 - Reorder clips
 - Export playlist
 - Loop play
- Operation modes: manual, scheduled and automatic
- Local and remote preview of the playing video
- 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)

Technical Specifications

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

* IP Live is only available for the I models

* Supported SMPTE standards: ST2022-7, ST2110-10, ST2110-20, ST2110-21, ST2110-30, ST2110-31 and ST2110-40

* Supported AMWA NMOS standards: IS-04, IS-05 and IS-08

Input Formats	DENSU MODELS			
	A	A-2	I	I-2
IMX 30/40/50 Mbps	X	X	X	X
MPEG2 LGOP 18/25/35 Mbps 4:2:0	X	X	X	X
MPEG2 LGOP 50/70 Mbps 4:2:2	X	X	X	X
DVCAM 25 Mbps	X	X	X	X
XAVC Intra 50 / 100 Mbps	X	X	X	X
XAVC LGOP 25 / 35 / 50 Mbps	X	X	X	X
DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps	X	X	X	X
AVC-Intra 50/100 Mbps	X	X	X	X
AVC Ultra (LGOP 6/12/25/50 Mbps)	X	X	X	X
DNxHD (SQ/HQ/HQX/LB)	X	X	X	X
H.264 1080p 8 - 12 Mbps High Profile	X	X	X	X
H.264 720p 5 - 7.5 Mbps High Profile	X	X	X	X
H.264 480p 2.5 - 4 Mbps High Profile	X	X	X	X
H.264 360p 1 - 1.5 Mbps High Profile	X	X	X	X
H.264 1080p 3 - 9 Mbps High Profile (Live)	X	X	X	X
H.264 720p 1.5 - 6 Mbps High Profile (Live)	X	X	X	X
H.264 L10 10 Mbps	X	X	X	X
H.265/HEVC 10 Mbps LGOP	X	X	X	X
H.265/HEVC 25 Mbps LGOP	X	X	X	X
H.265/HEVC 50 Mbps LGOP	X	X	X	X
H.265/HEVC 100 Mbps LGOP	X	X	X	X
ProRes 422 (SQ/HQ/LT)	X	X	X	X
JPEG 2000 (Full HD/4K/8K)	X	X	X	X
Google® VP6 / VP7 / VP8 / VP9 (Full HD)	X	X	X	X
Uncompressed UYVY 422 / V210 / RGBA	X	X	X	X
AOMedia Video 1 (Full HD/4K/8K)	X	X	X	X
IMF (JPEG 2000 @ Full HD/4K/8K)	X	X	X	X

Server Options

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

Features	Specs	DENSU MODELS			
		A	A-2	I	I-2
Platform	XPRESS	X	X	X	X
Video	miniDUO2	X	X	X	X
Connectivity	2x 1Gb Eth, 4x USB 3.0, 2x Frontal USB 2.0, 1x DisplayPort, 1x HDMI, 1x audio Out, 4x 3G SDI I/O, 1x Ref. In, 1x LTC Input, 1x RS422	X		X	
	4x 1Gb Eth, 4x USB 3.0, 4x Frontal USB 2.0, 2x DisplayPort, 2x HDMI, 2x audio Out, 8x 3G SDI I/O, 2x Ref. In, 2x LTC Input, 2x RS422		X		X
	1x Full-duplex LC Fiber connector with SR 850nm Laser			X	
	2x Full-duplex LC Fiber connector with SR 850nm Laser				X
Temperature Specs	Storage -40°C to 65°C (-40°F to 149°F); Continuous operation 10°C to 32°C (50°F to 89.6°F)	X	X	X	X
Power Requirements	Single 300W	X	X	X	X
Dimensions and Weight	1RU; 245x484x42.5mm (D,W,H); ~7Kg	X	X	X	X
Delivery Packaging	580x380x250mm (D,W,H), ~8Kg	X	X	X	X
What is Included	1x C13 to C14 power cord, USB pen drive with system restore and user manuals	X	X	X	X