



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
 - 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 DJI (Camera Drones)	SD-SDI HD-SDI 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

Input Formats	Densu A	Densu A-2	Densu I	Densu I-2
ARRI ARRIRAW	X	X	X	X
Blackmagic RAW	X	X	X	X
Digital Cinema Packages (DCP)	X	X	X	X
RED Digital Cinema	X	X	X	X
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
MPEG2 LGOP 422 50 Mbps	X	X	X	X
MPEG2 LGOP 420 1440x1080 35 Mbps	X	X	X	X
MPEG2 LGOP 420 (FULL) 35 Mbps	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 / 200 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 480p 0.5 - 2.0 Mbps High Profile (Live)	X	X	X	X
H.264 360p 0.4 - 1.0 Mbps High Profile (Live)	X	X	X	X
H.264 240p 0.3 - 0.7 Mbps High Profile (Live)	X	X	X	X
H.264 L10 10 Mbps	X	X	X	X
H.264 MOG 1Mbps	X	X	X	X
H.265/HEVC 10 / 25 / 50 / 100 Mbps LGOP	X	X	X	X
ProRes 422 (SQ/HQ/LT)	X	X	X	X
JPEG 2000 (Full HD)	X	X	X	X
Google® VP6 / VP7 / VP8 / VP9 (Full HD)	X	X	X	X
Uncompressed UYVY 422 / V210 / RGBA	X	X	X	X
ADMedia Video 1 (Full HD)	X	X	X	X
IMF (JPEG 2000 @ Full HD)	X	X	X	X

Server Options

Compact server that can support HD/SD video gateways for the media playback operations.

Features	Specs	DENSU MODELS			
		A	A-2	I	I-2
Platform	Xpress 1U	X	X	X	X
Video	miniDUO2	X	X	X	X
Connectivity	2x 1Gb Eth, 4x RS422, 1x GPIO out, 1x GPIO in, 1x displayPort, 1x HDMI, 4x HD-BNC I/O, 1x Ref In, 1x LTC Input, 1x I/O breakout connector, 4x USB 3.0, 2x USB 2.0 and 1x audio out	X		X	
	4x 1Gb Eth, 8x RS422, 2x GPIO out, 2x GPIO in, 2x displayPort, 2x HDMI, 8x HD-BNC I/O, 2x Ref In, 2x LTC Input, 2x I/O breakout connector, 8x USB 3.0, 4x USB 2.0 and 2x audio out		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 and 1x breakout cable	X		X	
	1x C13 to C14 power cord and 2x breakout cable		X		X