

mDECK Densu ATL



Overview

mDECK Densu ATL is the ultimate compact professional media deck appliance to ingest or play FHD video streams from XDCAM and P2 structures, directly to HDD or SSD removable drives.

It includes a redundant power supply and can be delivered in one or two node configurations.

Each node includes two video inputs and two video outputs of 3G-SDI that can record or play two 3G-SDI channels.

Product Highlights

| | |
|---|--|
| <p>Internal Asset Management</p> <ul style="list-style-type: none"> • Search • Proxy generation • Rough cut • Metadata management • Logging | <p>File playback - multiple simultaneous plays</p> <ul style="list-style-type: none"> • Composition play • Loop playback • Instant play • Scheduled play • Remote preview |
| <p>Baseband Ingest - multiple simultaneous records</p> <ul style="list-style-type: none"> • Multicamera recording • Loop recording • Crash recording • Scheduled recording • Batch recording | <p>File Ingest - multiple simultaneous transcodes</p> <ul style="list-style-type: none"> • Card ingest • Growing files ingest • Scheduled ingest • Batch ingest • Partial restore • Clip merge • Rough cut • Clip renaming |
| <p>All media operations can simultaneously use the local storage and the network</p> | |
| <p>Full featured local and remote user interface (including on a touch screen for quick control)</p> | |

Technical Specifications

| Devices / Connectivity | INPUT | | OUTPUT | |
|------------------------|--------------------------|---|--------------------------|--|
| | Live | File | Live | File |
| OnPrem | SD-SDI 3G-SDI RTMP | XDCAM XDCAMHD DJI (Camera Drones) P2 | SD-SDI 3G-SDI RTMP | Removable Disks: HDD 2.5" SSD 2.5" |

Input Formats

| Input Formats | ATL - ATL-2 |
|--|-------------|
| ARRI ARRIRAW | X |
| Blackmagic RAW | X |
| Digital Cinema Packages (DCP) | X |
| RED Digital Cinema | X |
| IMX 30/40/50 Mbps | X |
| MPEG2 LGOP 18/25/35 Mbps 4:2:0 | X |
| MPEG2 LGOP 50/70 Mbps 4:2:2 | X |
| MPEG2 LGOP 422 50 Mbps | X |
| MPEG2 LGOP 420 1440x1080 35 Mbps | X |
| MPEG2 LGOP 420 (FULL) 35 Mbps | X |
| DVCAM 25 Mbps | X |
| XAVC Intra 50 / 100 Mbps | X |
| XAVC LGOP 25 / 35 / 50 Mbps | X |
| DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps | X |
| AVC-Intra 50/100 Mbps | X |

Output Formats

| Output Formats - HIRES | ATL - ATL-2 |
|--|-------------|
| IMX 30/40/50 Mbps | X |
| MPEG2 LGOP 18/25/35 Mbps 4:2:0 | X |
| MPEG2 LGOP 50/70 Mbps 4:2:2 | X |
| MPEG2 LGOP 422 50 Mbps | X |
| MPEG2 LGOP 420 1440x1080 35 Mbps | X |
| MPEG2 LGOP 420 (FULL) 35 Mbps | X |
| DVCAM 25 Mbps | X |
| XAVC Intra 50 / 100 Mbps | X |
| XAVC LGOP 25 / 35 / 50 Mbps | X |
| DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps | X |
| AVC-Intra 50 / 100 / 200 Mbps | X |

Proxy Formats

| Output Formats - PROXY | ATL - ATL-2 |
|---|-------------|
| AVC Ultra (LGOP 6/12/25 Mbps) | X |
| H.264 @ 500 Kbps Flash | X |
| H.264 @ 1 / 1.5 Mbps Flash | 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 |
| 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 |
| H.264 360p @ 0.4 - 1 Mbps High Profile (Live) | X |
| H.264 240p @ 0.3 - 0.7 Mbps High Profile (Live) | X |
| ProRes Proxy 1920x1080 | X |
| ProRes Proxy 1280x720 | X |
| ProRes Proxy 1280x720 | X |
| ProRes Proxy SD (16:9 Raster) | X |
| ProRes Proxy SD | X |
| MPEG-1 (layer 2) @ 1.5 Mbps | X |
| Avid MPEG-2 (SIF @ 2Mbps) | X |
| H.263 (interplay Web) | X |
| H.264 Interplay Web (800 Kbps and 2 Mbps) | X |
| Sony Proxy AV (MPEG-4 Part-2) @1.5 Mbps | X |

Server Options

Compact appliance to record or play XDCAM and P2 structures on portable disks.

| Features | Specs | ATL | ATL-2 |
|-----------------------|--|-----|-------|
| | | | |
| Platform | Xpress 2U | X | X |
| Video | 1x miniDUO2 | X | |
| | 2x miniDUO2 | | X |
| Storage | Trayless Bay | X | X |
| Drive Bay | 2x 2,5" 7mm | X | |
| | 4x 2,5" 7mm | | 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, 2x USB 2.0, 4x USB 3.0 and 1x audio out | 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, 4x USB 2.0, 8x USB 3.0 and 2x audio out | | 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 |
| Power Requirements | Dual 300W | X | X |
| Dimensions and Weight | 2R; 245x484x89mm (D,W,H), ~13Kg | X | X |
| Delivery Packaging | 580x380x250mm (D,W,H), ~14Kg | X | X |
| What is Included | 2x C13 to C14 power cord | X | X |