



### Overview

mediaMOVE Densu series is a compact cost-effective appliance that can support FHD/HD/SD video gateways to ingest and transcode all kind of media files.

A single node configuration performs two simultaneous ingest operations.

A dual node configuration performs four simultaneous ingest operations.

### Product Highlights

- Operation modes: manual, scheduled and automatic
- Ingests and/or Transcodes the content according to the destination format
- Supports for spanned clips (Sony XDCAM EX, Panasonic P2, Panasonic GH5, GoPro and Canon)
- Optional remote preview for media selection, subclipping and merge
- Flexible file renaming engine
- Enables edit while ingest
- Metadata preservation and enhancement
- Option for simultaneous proxy generation
- Optional integration with social media
- Optional integration with OTT
- 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   |
|------------------------|---|--|
|                        | File  | File   |
| OnPrem                 | XDCAM<br>Panasonic<br>IKEGAMI<br>NextoDI<br>CANON<br>JVC<br>GoPro<br>ARRI ALEXA<br>Avid Files | Avid Unity™ MediaNetwork<br>Avid ISIS / Nexis<br>FTP Servers (List on request)<br>Omneon MediaGrid™<br>NAS / SAS (SMB 2.0 and 3.0)<br>Facilis TerraBlock<br>ScaleLogic<br>DDP - Dynamic Drive Pool<br>Quantum StorNext<br>Generic File Shares<br>And many others |
| Cloud                  |   | Social Media Sharing<br>Professional Cloud Storages<br>Consumer Cloud Storages<br>OTT  |

| Input Formats                                 | DENSU MODELS |     |
|---|--------------|-----|
|   | A            | A-2 |
| ARRI ARRIRAW                                  | X            | X   |
| Blackmagic RAW                                | X            | X   |
| Digital Cinema Packages (DCP)                 | X            | X   |
| RED Digital Cinema                            | X            | 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   |
| DVCAM 25 Mbps                                 | X            | X   |
| XAVC Intra 50 / 100 Mbps                      | X            | X   |
| XAVC Intra 300 / 300 VBR / 480 / 480 VBR Mbps | X            | X   |
| XAVC LGOP 25 / 35 / 50 Mbps                   | X            | X   |
| XAVC LGOP 60 / 100 / 140 / 150 / 200 Mbps     | X            | X   |
| DVCPRO 25/50 Mbps / DVCPRO HD 100 Mbps        | X            | X   |
| AVCHD   | X            | X   |
| AVC-Intra 50/100 Mbps                         | X            | X   |
| AVC-Intra 200 Mbps                            | X            | X   |
| AVC Ultra (LGOP 6/12/25/50 Mbps)              | X            | X   |
| DNxHD (SQ/HQ/HQX/LB)                          | 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   |
| 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 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   |
| H.264 720p 1.5 - 6 Mbps High Profile (Live)   | X            | X   |
| H.264 L10 10 Mbps                             | X            | X   |
| H.265/HEVC 10 Mbps LGOP                       | X            | X   |
| H.265/HEVC 25 Mbps LGOP                       | X            | X   |
| H.265/HEVC 50 Mbps LGOP                       | X            | X   |
| H.265/HEVC 100 Mbps LGOP                      | X            | X   |
| H.265/HEVC 4K 25 Mbps LGOP                    | X            | X   |
| H.265/HEVC 4K 50 Mbps LGOP                    | X            | X   |
| H.265/HEVC 8K 25 Mbps LGOP                    | X            | X   |
| H.265/HEVC 8K 50 Mbps LGOP                    | X            | X   |
| H.265/HEVC 8K 100 Mbps LGOP                   | X            | X   |
| ProRes 422 (SQ/HQ/LT)                         | X            | X   |
| ProRes 4444                                   | X            | X   |
| JPEG 2000 (Full HD/4K/8K)                     | X            | X   |
| Google® VP6 / VP7 / VP8 / VP9 (Full HD)       | X            | X   |
| Uncompressed UVVY 422 / V210 / RGBA           | X            | X   |
| AOMedia Video 1 (Full HD/4K/8K)               | X            | X   |
| IMF (JPEG 2000 @ Full HD/4K/8K)               | X            | X   |
| WebM  | X            | X   |

| Output Formats - HIRES                      | DENSU MODELS |     |
|---|--------------|-----|
|   | A            | A-2 |
| 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   |
| 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 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 L10 10 Mbps                           | X            | X   |
| H.265/HEVC 10 Mbps LGOP                     | X            | X   |
| H.265/HEVC 25 Mbps LGOP                     | X            | X   |
| H.265/HEVC 50 Mbps LGOP                     | X            | X   |
| H.265/HEVC 100 Mbps LGOP                    | X            | X   |
| ProRes 422 (SQ/HQ/LT)                       | X            | X   |
| JPEG 2000 (Full HD/4K/8K)                   | X            | X   |
| Google® VP6 / VP7 / VP8 / VP9 (Full HD)     | X            | X   |
| Uncompressed UVVY 422 / V210 / RGBA         | X            | X   |
| AOMedia Video 1 (Full HD/4K/8K)             | X            | X   |
| IMF (JPEG 2000 @ Full HD/4K/8K)             | X            | X   |

| Output Formats - PROXY                          | DENSU MODELS |     |
|---|--------------|-----|
|   | A            | A-2 |
| H.264 @ 500 Kbps Flash                          | X            | X   |
| H.264 @ 1 / 1.5 Mbps Flash                      | X            | X   |
| H.264 720 480p @ 8 / 10 Mbps Flash              | X            | X   |
| H.264 720p @ 15 / 20 / 25 Mbps Flash            | X            | X   |
| H.264 854 480p @ 8 / 10 Mbps Flash              | X            | X   |
| H.264 960 540p @ 3 Mbps Flash                   | X            | X   |
| H.264 1080p @ 15 / 20 / 25 Mbps Flash           | X            | X   |
| H.264 SD @ 4 / 8 / 15 / 20 / 25 Mbps            | X            | X   |
| H.264 480p @ 0.5 - 2 Mbps High Profile (Live)   | X            | X   |
| H.264 360p @ 0.4 - 1 Mbps High Profile (Live)   | X            | X   |
| H.264 240p @ 0.3 - 0.7 Mbps High Profile (Live) | 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   |
| Avid MPEG-2 (SIF @ 2Mbps)                       | X            | X   |
| H.263 (interplay Web)                           | X            | X   |
| H.264 Interplay Web (800 Kbps and 2 Mbps)       | X            | X   |
| Sony Proxy AV (MPEG-4 Part-2) @ 1.5 Mbps        | X            | X   |

## Server Options

Compact server that can support FHD/HD/SD video gateways for the following media operations: ingest and transcode.

| Features              | Specs  | DENSU MODELS |     |
|-----------------------|--|--------------|-----|
|                       |  | A            | A-2 |
| Platform              | XPRESS   | X            | X   |
| Connectivity          | 2x 1Gb Eth, 4x USB 3.0, 2x Frontal USB 2.0, 1x DisplayPort, 1x HDMI, 1x audio Out          | X            | 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    | Single 300W  | X            | X   |
| Dimensions and Weight | 1RU; 245x484x42.5mm (D,W,H); ~7Kg  | X            | X   |
| Delivery Packaging    | 580x380x250mm (D,W,H), ~8Kg  | X            | X   |
| What is Included      | 1x C13 to C14 power cord, USB pen drive with system restore and user manuals               | X            | X   |