

Densité 3 Frame 20 multi-format modules in 3RU



The 3RU Densité 3 frame offers true multi-format operation, with the ability to process simultaneously 3Gbps, HD, SD, and analog video, as well as AES and analog audio. The frame provides advanced monitoring and back-up capabilities. It can be fitted with 3RU and 2RU Densité modules (using card extenders). The frame features dual hot-swappable power supplies and fans. The modules for the frame are also hot-swappable, and can be configured automatically when a card is replaced. The frame is air-cooled and all modules, redundant PSUs and fans are monitored to provide status via GPI or the Ethernet port. The basic frame configuration includes one PSU and a controller card, which allows card adjustments by the front panel. Front panel multi-color LEDs provide status reporting.

Technical Specifications

MECHANICAL

DIMENSIONS: 3RU x 19" (485 mm) x 11.25" (286 mm) with connectors

WEIGHT: 10.2 lbs (4.6 kg), 1 PSU and 1 controller

POWER

INPUT RANGE: AC 50-60 Hz, 100-240 V

RATING: 300 W Max

OPERATING TEMP. RANGE: 0-40 °C

ALARM: GPI contact

CONTROL & MONITORING

COMMUNICATION PORTS: ETHERNET 10/100 BASE-T

COOLING FANS: 1 on frame
1 on each PSU

SOUND PRESSURE LEVEL: 8.9 dBA (1 meter in front of unit)

Key Features and Benefits

- ➔ Multiple video and audio formats can be fitted in a single chassis
- ➔ Up to 20 cards in a single 3RU frame
- ➔ Backwards compatible with 2RU Densité or Densité 2 modules
- ➔ Easy configuration by front panel or remotely via Ethernet
- ➔ Remote control by RCP-200 advanced control panel, RCP-100 basic control panel, and by PC-based iControl Solo GUI
- ➔ Hot-swappable power supply, with optional redundant power supply
- ➔ Supports full range of interfacing, distribution and monitoring modules
- ➔ Can be stacked without additional cooling spaces
- ➔ Redundant Ethernet connection

Ordering Information

Densité 3 Frame

Housing frame with (1) PSU (AC In), (1) Ethernet controller w/front control panel, blank rear panels

Note: Rear panels must be specified and ordered with appropriate card.

Options

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| Densité 3-PSU-AC | Redundant PSU for Densité 3 |
| Densité-CPU-ETH2-OPT-LNK | Full link redundancy using Channel Bonding on Densité-CPU-ETH2 |

For other frame options, see page 45-47

Fitting 3RU and 2RU cards in Densité 3 Frame

The Densité 3 frame can host any of the new 3RU Densité modules, but is also backwards compatible with any 2RU Densité modules. This backwards compatibility involves fitting blank extenders to 2RU modules.

