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DATASHEET

DENSITÉ 3 FRAME
20 Multiformat Cards in 3 RU

Space-saving, modular platform for advanced signal processing for 3 RU and 2 RU Densité modules.

The 3 RU Densité 3 Frame from Grass Valley can simultaneously process 3G, HD, SD and analog video, as well as AES and analog audio and can be fitted with 3 RU and 2 RU Densité modules (using card extenders). Its front-opening frame features dual hot-swappable power supplies (PSUs) and fans. Modules for the air-cooled frame are also hot swappable, and replacement modules can be configured automatically.

All modules, redundant PSUs and fans are monitored to deliver status via GPI or an Ethernet port. Front panel multicolor LEDs provide status reporting, while a controller card allows card adjustments from the front panel.

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

Key Features

- Multiple video and audio formats can be fitted in a single frame
- Backwards compatible with Densité 2 modules (with extender panel)
- 3 RU and 2 RU Densité modules can co-exist in the same frame

- Easy configuration by front panel or remotely via the Ethernet frame controller
- Choice of control and monitoring options, including GV Orbit remote control and PC-based iControl Solo GUI
- Two hot-swappable power supplies

- Supports full range of Densité Series modules
- Frame can be stacked without additional cooling spaces
- Redundant Ethernet connection

Specifications

Mechanical

Dimensions:
3 RU x 485 mm (19 in.) x 286 mm (11.25 in.) with connectors

Weight:
4.6 kg (10.2 lbs.), 2 PSUs and 1 controller

Power

Input range:
AC 50-60 Hz, 100-240 V

Rating:
300W Max

Control and Monitoring

Communication ports:
2x Ethernet 10/100 Base-T

Alarm:
GPI contact

Cooling

Fans:
— 1 on frame
— 1 on each PSU

Sound pressure level:
8.9 dBA (1 m in front of unit)

Operating temp. range:
0°- 40° C (32°- 104° F)

Ordering

Densité 3

3 RU modular frame, 20 slots, 2 power supplies, controller card with redundant Ethernet ports and front control panel, blank rear panels.

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

Options

Densité-CPU-ETH2-OPT-LINK
Full link redundancy using channel bonding on Densité-CPU-ETH2

Densité 3-EXT-C
Type C 3 RU adapter for 2 RU Densité card

Remote Control

GV Orbit and iControl