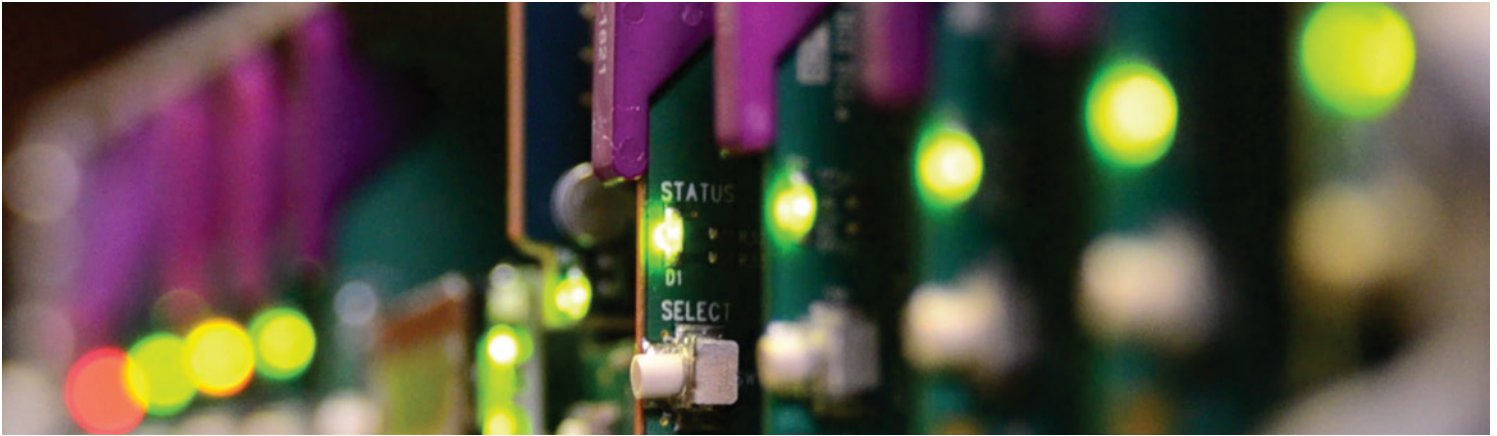


Densité 3+ FR1 Frame

Compact 1 RU Frame for Four Modules



Space-saving, modular platform for advanced signal processing.

The 1 RU Densité 3+ FR1 Frame from Grass Valley, a Belden Brand, offers true multiformat operation, with the ability to process simultaneously 3G, HD, SD and analog video, as well as AES and analog audio. The frame provides advanced monitoring and backup capabilities. It can be fitted with 3 RU and 2 RU (using an extender panel) Densité modules. The frame features dual hot-swappable power supplies and fans. The modules for the frame are also hot-swappable. 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 from the front panel. Front panel multicolor LEDs provide status reporting.

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KEY FEATURES

- Multiple video and audio formats can be fitted in a single chassis
- Up to 4 cards in a single 1 RU frame, including an additional system slot
- Low noise operation
- Backwards compatible with Densité 2 or Densité 3 modules
- Easy configuration from the front panel or remotely via Ethernet
- Remote control by RCP-200 advanced control panel, and by PC-based iControl
- 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

SPECIFICATIONS

Mechanical

Dimensions:

1 RU x 485 mm (19 in.) x 286 mm (11.25 in.)
with connectors

Weight:

3.3 kg (7.2 lbs.) with 1 PSU and controller card
install

Power

Input range:

AC 50-60 Hz, 100-240V

Rating:

150W max

Control and Monitoring

Communication ports:

2x Ethernet 10/100 BASE-T

Alarm:

GPI contact

Cooling

Fans:

2 on frame, serviceable

1 on each PS

Operating temp. range:

0°- 40° C (32° - 104° F)

ORDERING

Densité 3+ FR1

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

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

Options

Densité 3+ FR1-PSU-AC

Densité-CPU-ETH2-OPT-LNK

Densité 3-EXT-C

Description

Redundant PSU for Densité 3+ FR1 Frame

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

Type C 3 RU adapter for 2 RU Densité card

Remote control

iControl

iControl Solo

RCP-200

Remote control and monitoring

Standalone remote control software

Remote control panel



GVB-1-0013A-EN-DS

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