

Softel vFlex HD

Multipurpose HD Video Data Inserter



End-to-end subtitling and captioning that enhances productivity and reduces costs.

Multi-Input Data Insertion Challenges

Broadcasters and service operators need to be able to quickly and easily insert subtitles and other data, such as identity logos, across multiple formats and channels without a second thought. Although provision of subtitles is a core requirement for broadcasters, budgetary and other operational issues mean that the ideal solution would offer multiple functions in a single unit, saving rack space and money. Third-party network operators also have a keen eye on costs, with ease of integration high on the priority list. Inserters are constantly required and with the trend towards outsourcing of network operations, manageability and reliability are becoming key issues.

Grass Valley — The Broadcast Experts

With decades of broadcast experience and the heritage of products — such as the well-known SE3005 encoder — Grass Valley, a Belden Brand, is well placed to address these requirements. Softel vFlex from Grass Valley is a new generation of encoder that is able to insert subtitles in VANC. Powerful enough to handle virtually any task, vFlex can also perform graphics keying — overlaying captions and bugs onto HD video.

Save Time and Rack Space

vFlex is a flexible multipurpose device that is packaged in a 1 RU rack mount configuration, enabling the broadcaster or service operator to reduce or optimize rack space requirements. Saving rack space means less square footage in the equipment room. It also translates into reduced power consumption and cooling requirements, further reducing costs. Manageability is enhanced with Gigabit Ethernet connectivity enabling remote configuration and monitoring. This, along with support for Grass Valley Softel XAP protocol for monitoring, dramatically reduces management overhead and allows operators

time to be used more efficiently and cost effectively. vFlex also features a dedicated front panel with status LCD and quick access buttons.

High Availability

Because there are more important aspects of operations to focus on, vFlex has been purpose built with the demands of broadcast in mind. As well as the efficiency and manageability of the unit, high availability is designed-in with dual power supplies and dual Ethernet.

Flexible Configuration

When designing vFlex we've ensured that it not only easily integrates with existing infrastructure, but also supports the widest possible range of functionality in a single unit, reducing complexity and costs. This flexibility extends to advanced features such as cueing and locally triggered events, for example simple logo insertion. Inputs can be either serial digital or analogue video and can be frame asynchronous to the timing of the main video signal. The diagram below illustrates the flexibility of inputs and outputs which also include opto-isolated GPI/O and relay.

Grass Valley Integrated Broadcast Solutions

The vFlex multifunction inserter is part of a family of broadcast products from Grass Valley that include the Grass Valley Softel Swift end-to-end subtitling/captioning solution, from workflow management and subtitle creation through to time-of-air insertion and monitoring.

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KEY FEATURES

- Cost effective multipurpose single unit solution
- VANC Subtitle and ancillary data insertion
- High reliability design with dual PSU, dual network
- Web GUI for remote management

SPECIFICATIONS

Dimensions:

Width: 440 mm (17.3 in.) (19" rack mount)

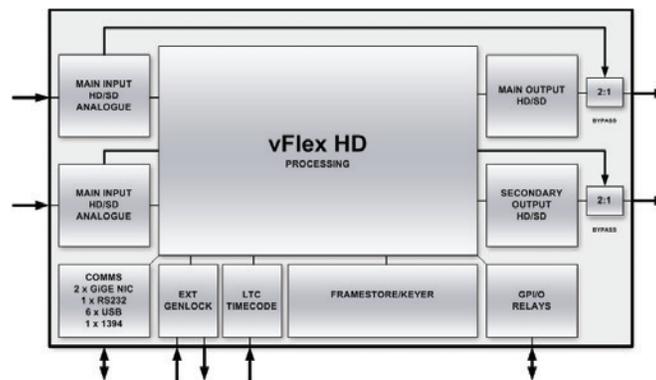
Height: 44.5 mm (1.75 in.) (1 RU)

Depth: 548 mm (21.6 in.)

Weight:

Unit: 7.5 kg (16.5 lbs.)

Shipping: 9.5 kg (20.9 lbs.)



ORDERING

Please contact your authorized Grass Valley representative.



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