FusioN

Standalone IP Converter & Multiviewer

The versatile design of the FusioN series of standalone IP converters addresses multiple scenarios of connectivity between SDI/HDMI and fiber optical to IP ST2110 formats. Furthermore, the product can also cope with compressed formats such as JPEG-XS. Not only you can convert signals, but the FusioN frame can be turned into a 16 image IP ST2110 Multiviewer.

The solution comes in two miniature frames, each one with a flexible set of inputs and outputs and reprogrammable with different software function. The miniature and quiet FusioN series is perfect for interconnection of IP signals to SDI or HDMI display or for connecting SDI signals of remote cameras.
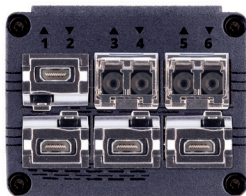
Key Benefits:

- Quiet and compact frame can be installed neatly on the back of your monitors
- Versatile software-defined hardware, can be turned into a Gateway, a JPEG-XS encoder/decoder or a Multiviewer
- Flexible inputs and outputs via a selection of SFP modules
- Ultra-dense I/O capacity of up to 8 signals
- Cabling is simplified by bridging IP over fiber
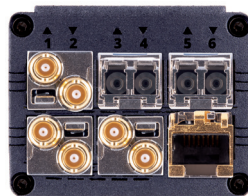- IP enabled – any source, any essence, anywhere

Versatile hardware and software configuration

With selectable I/Os, fiber optical and conversion software, the FusioN miniature converters can be tailored to meet the demands of any case of application. Both models optimize space and cabling, and save energy costs while supporting any source formats.
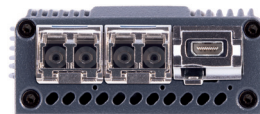

FusioN 6B

Bulk IP ST2110 or J2K to HDMI gateway.

FusioN 6B

Bulk IP ST2110 or J2K to SDI gateways with control port extension

FusioN 3B

ST2110 gateway with HDMI/SDI inputs or outputs

FusioN 3A (discontinued)

ST2022-6 gateway with HDMI/SDI inputs or outputs

FusioN

Production Monitoring (Multiviewers)

In a truck environment where space is at a premium, the all new FusioN 6B miniature multiviewer saves precious space and power consumption. The frame hangs neatly at the back of any HDMI or SDI monitor removing space in the equipment rack. The multiviewer deliver pristine image quality and the adequate feature set required for live production type application.

Key Benefits:

- Available with HDMI/SDI output and with a ST2110 mosaic stream re-injected to the network to re-route your mosaic anywhere to any display
- Pristine image processing delivers sharp and clean images
- Best density and extremely low power consumption
- Production feature set including dual tally indicators, border and text tally, dual set of under monitor displays.
- IP signals can be HD/3G with up to 25GE bandwidth uplink ports
- Configurable output resolution 1080i, 1080p or UHD 2160p
- Full support of ST2022-7 hitless redundancy
- Supported by major control systems via standard API (NMOS, EMBER+, and RESTful)

HDMI 2.0 (HD/UHD)

FusioN 6
16x1 ST110
Multiviewer

MULTIVIEWER
16 x 1

IP ST2110 Mosaic

IP NETWORK ENGINE ROOM

IP ST2110 signals