

ST2110 - SDI Gateways Apps



The ST2110 – SDI Gateway Apps can be used to encapsulate or de-encapsulate SDI from/to IP ST2110. The software is available on different MuoN SFP platforms or standalone FusioN products, letting you decide the best approach in the context of your application. The ST2110 format provides individual encapsulation for your video, audio and ANC media. For each gateway channel, the Apps provides one video, four audio and one ANC data flow. Each audio flow can contain up to 16 channels that can be freely re-mapped. The application comes with full support of ST2022-7 hitless redundancy. The software is fully JTNM-tested under the available Riedel hardware platforms.

The solution is configured and controlled via the MediorSet software or via a published RESTful API facilitating the integration to third party control systems. The software also supports Ember+ and NMOS protocols.

Features:

- Full support of ST2110-10/20/21/22/23/30/31/40
- Full support of NMOS TR1001
- Support of ST2022-7 Class A
- Frame sync (Add-on)
- Clean and quiet switching (Add-on)
- 2SI/SQD quad flow to single flow (Add-on)
- Black burst output, derived from PTP (Add-on)
- Configured via MediorSet software
- Available with NMOS or Ember+ control API

Ordering Info:

The MuoN-APP-A10 can be installed on MuoN A10 platforms, the MuoN-APP-B10 can be installed on MuoN B10 platforms, and the MuoN-B25 can be installed on MuoN B25 platforms. The FusioN-6-B-APP can be installed on FusioN 6B, and the FusioN-3-B-APP can be installed on the FusioN 3B. It is also important to properly match the direction of the I/O with the corresponding software to obtain the desired result. Software Add-ons are also available to enable functions such as frame sync, clean switching, quad to single flow or UHD support. Tailor your own solution – use the online configurator!

The Apps are available for different hardware platform providing different characteristics.

MuoN A10: Dual channel encapsulation or de-encapsulation with support of HD/3G.

MuoN B10: Dual channel encapsulation or de-encapsulation selectable per channel with support of HD/3G. This App comes with dual mac support.

MuoN B25: Dual channel encapsulation or de-encapsulation selectable per channel with support of HD/3G and UHD. This App comes with dual MAC support and with RS-FEC.

FusioN B10: Eight channels encapsulation or de-encapsulation selectable per channel with support of HD/3G. Also available with Black Burst output feature and 1GE control port tunnel.

FusioN B25: Eight channels encapsulation or de-encapsulation selectable per channel with support of HD/3G. Also available with black burst output feature and 1GE control port tunnel.

Benefits

- Use an IP network to route your real time media
- Individual transport of media essences allowing flexible breakaways and shuffling of audio
- High density, low weight and power
- Fully robust and redundant solution
- Interoperable IP media using industry standards implementation