

Flashlink

FRS-3G-DUAL

Dual 3G-SDI frame synchronizer

The Flashlink FRS-3G-DUAL is a high density frame synchronizer module holding two 3G-SDI frame synchronizers.

The onboard de-glitcher removes any glitches from switching and ensures error-free video outputs making the module ideal for applications in conjunction with video routers.

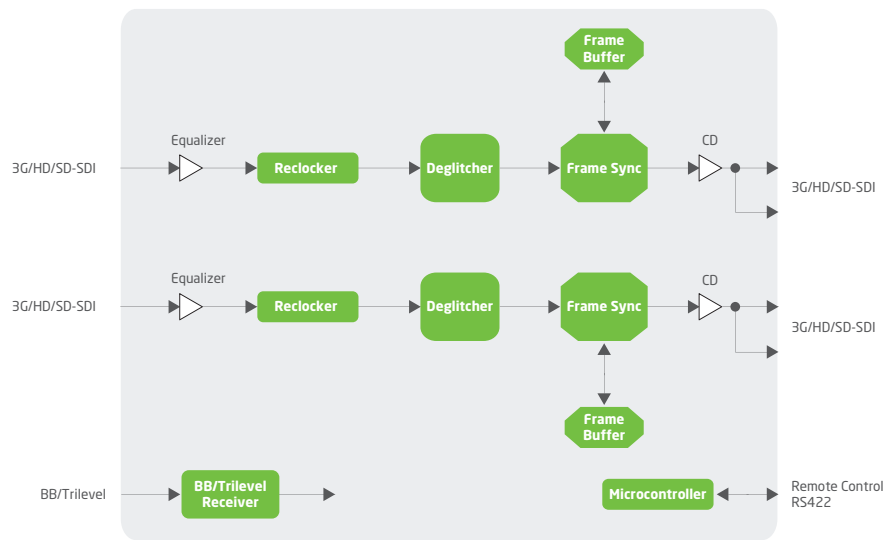
The module offers a simple to use configuration and monitoring of the product through SNMP, web interface and control panels when connected to the Flashlink controller Multicon GYDA. The main features are also available through DIP switches enabling manual configuration of the module.

Applications

- Broadcast studio infrastructure
- Professional video synchronization

Key features

- SD/HD/3G-SDI support (level A only)
- Dual frame synchronizer
- Up to 8 frames delay per channel
- Deglitcher ensures error free outputs



FRS-3G-Dual

Supported standards

SD-SDI, 270Mbps	SMPTE 259M
HD-SDI, 1485Mbps	SMPTE 292-2008
3G-SDI, 2970Mbps	SMPTE 424M
DVB-ASI	EN50083-9.

General

Power	+5V/8.1W
Configuration	Multicon GYDA web interface, SNMP, DIP switches
Monitoring	Multicon GYDA, SNMP, LED GPI

Electrical SDI inputs

Number of ports	2
Connectors	BNC 75 Ohm
Cable equalization	Automatic 100m @3Gbps w/Belden 1694A 120m @1485Mbps w/Belden 1694A 300m @270Mbps w/Belden 1694A
Input return loss	>15dB, 5 – 1485MHz >10dB, 1485 – 2970MHz

Electrical SDI outputs

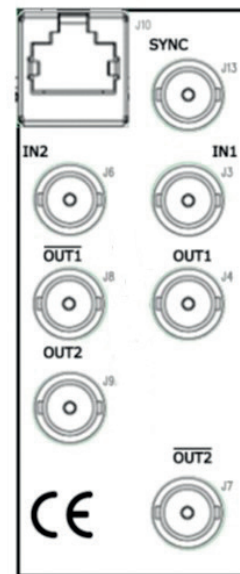
Number of ports	4
Connectors	BNC 75 Ohm
Output signal level	800mV +/- 10%
Output return loss	>15dB, 5 – 1485MHz, >10dB, 1485 – 2970MHz
Output jitter	SD/HD < 0.2UI, 3G < 0.3UI

Physical and environmental

Operating temperature	0 to +40°C
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Ordering options

20798 FRS-3G-DUAL Dual 3G/HD/SD frame synchronizer with deglitcher and 4 outputs



FRS-3G-Dual back panel



CONTACT INFORMATION

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