

Flashlink

QUAD-CHO-2x1-PB

QUAD Change over with Passive bypass

QUAD-CHO-2x1-PB is a quad 2x1 3G/HD/SD-SDI change-over with passive input bypass well suited for quad stream UHD/4K applications.

The card can operate as either four independent change-overs or a quad stream change-over switching all 4 streams simultaneously.

When operated in quad stream mode the card will make a switch on loss of signal or lock on any of the inputs, and the signal alarming will be given on the combined stream.

The card monitors signal presence and lock of both main and backup inputs. A passive relayed bypass of all four main inputs enables signal pass-thru in case of mains or card failure.

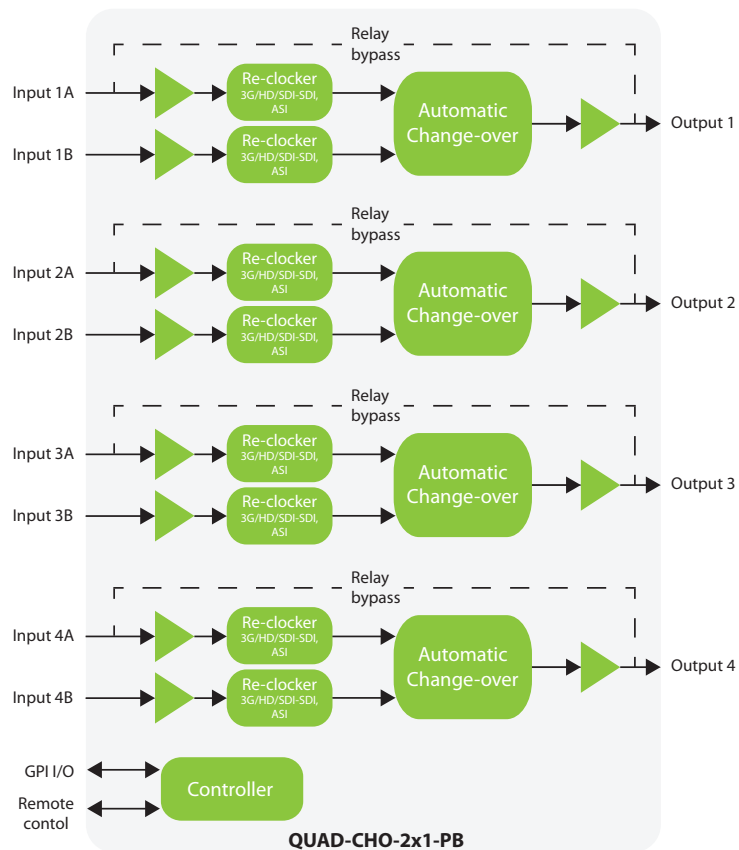
The Flashlink element manager Multicon enables web and SNMP interface for configuring card settings and monitoring signal status.

Applications

- 4K/UHD protection
- Head-end input feed protection
- Video contribution networks
- Studio interconnection

Key features

- 4x 2x1 change-over
- 3G/HD/SD support
- Quad stream change-over based signal loss of any one stream
- Passive loop-through on backplane
- GPI I/O
- On board LED for status
- On board DIP for configuration
- 8x electrical inputs
- 4x electrical outputs
- HD-BNC or DIN1.0/2.3



Supported standards

SD-SDI	SMPTE-259M
HD-SDI	SMPTE-292
3G-SDI	SMPTE 424M
DVB-ASI	EN50083-9
MADI	AES10

General

Power	4.0W/5V, 0.6W/15V
Configuration	Multicon GYDA web interface, SNMP, DIP switches
Monitoring	Multicon GYDA, SNMP, LED, GPI

Electrical SDI inputs

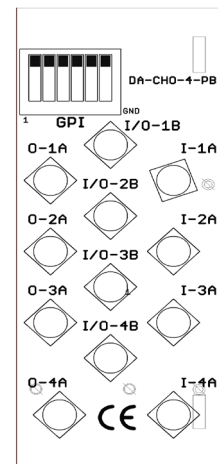
Number of ports	8, 4 Relay protected
Connectors	HD-BNC or DIN1.0/2.3, 75 Ohm
Cable equalization	Automatic 50m @3Gbps w/Belden 1694A 90m @1485Mbps w/Belden 1694A 280m @270Mbps w/Belden 8281

Electrical SDI outputs

Number of Ports	4, Relay protected
Connectors	D-BNC or DIN1.0/2.3, 75 Ohm
Output signal level	800mV +/- 10%

Physical and environmental

Operating Temperature	0 to +40°C
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QUAD-CHO-2x1-PB Back panel

Ordering options

24240 QUAD-CHO-2x1-PB	Quad 3G-SDI automatic change-over for quad-stream 4K/UHD applications
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CONTACT INFORMATION

Europe

sales@nevon.com +47 22 88 97 50

Asia Pacific

asiasales@nevon.com +65 9815 4988

America

ussales@nevon.com +1 805 247 8560

Middle East & Africa

middle-east@nevon.com +971 (0) 4 390 1018

UK

uksales@nevon.com +44 (0) 118 973 5831

nevon.com