

Link

DV

www.innova.no

The Innova Link Digital Video board solves the problem of integrating multiple digital video cameras to ROVs and other remotely controlled systems by providing up to 4 digital video channels on one board.

The system can be used stand-alone or combined with other products in the Innova Link family, including Analogue Video and Serial communication, Ethernet and PECL.

All the boards in the Link family are designed to be mounted into a rack where boards can be removed separately. A backplane distributes power and diagnostics signal to all boards in the rack.

The output boards can be mounted into a topside rack, including backplane, power supply, and user interface.

Key features

The design is based on Innova's long experience with remotely operated vehicle systems and provides a wide range of features, including:

- Digital Video format: HD-SDI, 3G-SDI (SMPTE-424M, SMPTE-292M, SMPTE-259M)
- Up to 4 video channels on each board
One fibre channel required per video channel
- Standard BNC connectors
- Single mode and multi mode fibre options
- Self test and diagnostics functionality (distributed to the AV board)
- Can be combined with other boards in the Link Family over single fibre with the use of CWDM optical multiplexers

DIGITAL VIDEO

4 ch. of HD-SDI or 3G-SDI
(SMPTE-424M, SMPTE-292M, SMPTE-259M)

One SFP per used channel

INPUT BOARD

Four SFP cages

Video connection: BNC

Board size: 100 mm x 100 mm

Voltage: 6 – 12 V

Typical idle power consumption: 370 mA @ 12 V
(4 ch. active)

Operating temperature range: -20 °C to 70 °C
*SFP temp. range may be different

OUTPUT BOARD

Four SFP cages

Video connection: BNC

Board size: 100 mm x 160 mm

Voltage: 6 – 12 V

Typical idle power consumption: 420 mA @ 12 V
(4 ch. active)

Operating temperature range: -20 °C to 70 °C
*SFP temp. range may be different

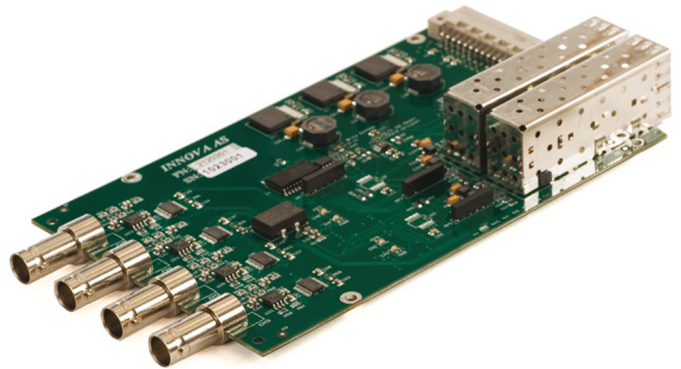
PART NO.

2120102 DV 3G-SDI 4 ch. Input, Standard

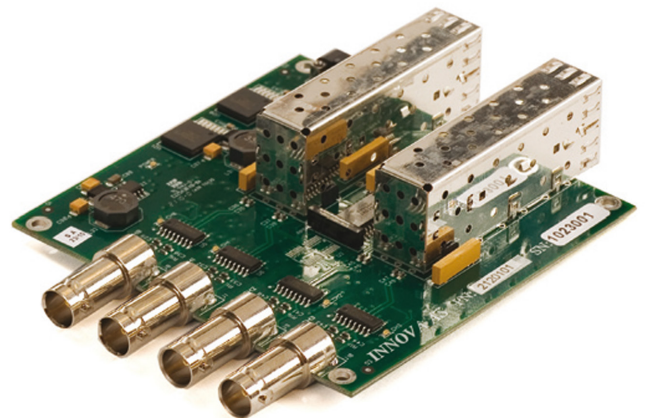
2120302 DV 3G-SDI 4 ch. Output

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DV HD-SDI 4 ch. Input



DV HD-SDI 4 ch. Output