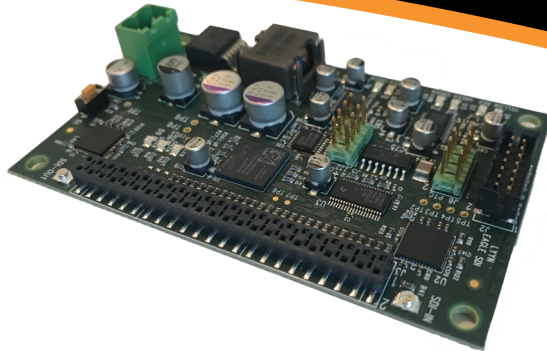


LYYN EAGLE BOARD INTEGRATION KIT

The Llyn inside™ solution for digital video



LYYN Inside

The LLYN Eagle Integration kit is the ideal solution for advanced users, product manufacturers and system integrators that want to have llynification fully integrated into their own HD-video solution.

Simple integration

The kit contains all the necessary parts for simple plug-and-play integration. You connect your HD-SDI video to the board's micro coax connectors. The board can be controlled by the included control panel or by software over a standard RS232 serial interface.

Standard control panel for manual control



A thin membrane keypad panel is included in the kit. The panels adhesive backing can be mounted and sealed to a flat surface. The panel is connected to the LLYN Eagle Board with a flat cable (included) and an intermediate PCB.

Software control

The Eagle Board can be controlled remotely through a standard RS232 serial interface with simple text commands. You can write scripts and/or software on your own control platform for an integrated solution.

Video standards

Standard	Name	Bit rates	Resolution & frame-rate
SMPTE 292	HD-SDI	1.485 Gbit/s, and 1.485/1.001 Gbit/s	720p, 1080i60
SMPTE 424	3G-SDI	2.970 Gbit/s, and 2.970/1.001 Gbit/s	1080p60

Physical connectors

Video: Hirose H.FL contacts. Use 75 Ω cabling
Communication: 2.54 mm through-hole header contacts.
Samtec HLE-123-02-F-DV-BE-A

Included in the package

2 H.FL75 200 mm coaxial cables
2 H.FL to BNC adapters
Power connector, male & female
Keypad and associated cabling

Power

5 V DC, 1.0 A.

Operating conditions

Temperature: 0 — 50 °C (32 — 122 °F)
Humidity: 0 — 80% RH (non-condensing)

Dimensions and weight

Board: 55 mm x 90 mm x 30 mm
Weight: 31 g
Mounting holes: 4 x M4
Control panel: 80 mm x 50 mm x 1 mm

Video latency

1 microsecond

US Patent No. 8,023,730 and equivalent patents and patent applications in other countries.

More information is available at www.llyn.com

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we give you a clearer vision