QIO Dual 12G Input Module

This optional board adds 2x 12G SDI single link UHD/4K inputs to the HDQLINE display platform. To widen the application area one input supports SFP modules, thereby allowing fiber or copper connection.

Complete list of interfaces:
- 1x 12G SDI input A (1.5G–12G) → 1x BNC
- Loop out A
- 1x 12G SDI input B (1.5G–12G) → 1x BNC
- Loop out B
- 1x 3G SDI output (monitors a single UHD quadrant) → 1x BNC

Interface/Connectors
STATUS LED
Green: if board power is OK

SDI 7, SFP cage
Supports SDI Rx SFPs (copper or fiber, Non MSA) 1.5, 3.0, 6.0, 12G

Mode LED
Red: 1.5/3.0 G, Yellow: 6G, Green: 12G

SDI 7 LOOP OUT
Redlocked signal of input SDI 7

SDI 8 Input
Supports SDI signals with 270MBit 1.5, 3.0, 6.0, 12G

Mode LED
Red: 1.5/3.0 G, Yellow: 6G, Green: 12G

SDI 8, LOOP OUT
Redlocked signal of input SDI 8

SDI, 3G OUT
monitoring of a single quadrant (selectable by DCS+)

Electrical / Mechanical
Operating Temperature
5 °C - 35 °C

Power Requirement
12 to 24V DC, supplied by HDQLINE display

Power consumption typical
6W

Dimensions (Width x Height x Depth)
157mm x 172mm x 15mm (fits into HDQLINE option slot)