

Four 12G-SDI input card for Aquilon series

Ref. ACC-AQL-IN-SDI



Field swappable input card for Aquilon series with four 12G-SDI ports



4K60
4:4:4

12G-SDI

HDR

HFR
up to
120Hz

QUAD
3G-SDI

Overview

The Analog Way **ACC-AQL-IN-SDI** is a field-swappable input card with four 12G-SDI ports, designed to work with any **Aquilon** live presentation switcher. Each input port supports standard video formats up to 4K60 10-bit 4:2:2. The card supports up to 8 embedded audio channels per input.

Key features

- ▶ Four 12G-SDI input ports
- ▶ True 4K60 4:2:2 performance on every input port
- ▶ Supports 4K60 input as single, double or quad ports (four quadrant 3G-SDI or 4x 3G-SDI 2SI)
- ▶ Connector status LEDs for easy troubleshooting
- ▶ HDR compliant with HDR10 and HLG
- ▶ High Frame Rate up to 120Hz
- ▶ Supports up to 8 embedded audio channels per input (PCM)
- ▶ Field-swappable card (not hot-swappable)

Technical Specifications

Four 12G-SDI input ports

Up to 12Gbps bandwidth per port

- 10-bit formats up to:
- 4K60 4:2:2
 - 4K30 4:4:4

Compatible with SD-SDI, HD-SDI, 3G-SDI (Level A and B), 6G-SDI and 4x 3GSDI 2SI

Supports BT.709 and BT.2020 color spaces

Dimensions

- ▶ W 5.10" x H 1.66" x D 5.80"
- ▶ L 129.7 mm x H 42.3 mm x P 147.4 mm

Weight without accessories

- ▶ 0.26 kg / 0.57 lbs

Shipping weight accessories included

- ▶ 0.45kg / 0.99 lbs

Operating conditions

- ▶ Temperature: 0 to 40°C (32 to 104°F)
- ▶ Humidity: 10% to 80%, non-condensing

Warranty

- ▶ 3-year warranty on parts and labor back to factory
- ▶ Broken connectors are not covered by warranty

Power supply

- ▶ Powered from Aquilon switcher

Safety Compliance

- ▶ IEC/UL/EN 62368-1
- ▶ CSA22.2#62368-1
- ▶ (UL Listed E359143)



TAA Compliance: This product is manufactured in France, a TAA-designated country, and is fully compliant with the Trade Agreements Act (17 U.S.C. & 2501-2581).

Specifications subject to change without prior notice

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