

Eight 3G-SDI / Four 12G-SDI input card for Aquilon series

Ref. ACC-AQL-IN-SDI-3G



ANALOG WAY®

Field swappable input card for Aquilon series with up to eight 3G-SDI ports or four 12G-SDI ports



Up to
4K60
4:4:4

8x
3G-SDI

Up to
4x
12G-SDI

HDR

HFR
up to
120Hz

QUAD
3G-SDI

Overview

The Analog Way **ACC-AQL-IN-SDI-3G** is a field-swappable input card with eight SDI ports, designed to work with any **Aquilon** live presentation switcher. These ports can be configured either as four 12G-SDI ports or as eight 3G-SDI ports or as a mix of them. In 12G-SDI mode, each input port supports standard video formats up to 4K60 10-bit 4:2:2. In 3G-SDI mode, each input port supports standard video formats up to 2K60 10-bit 4:2:2. The card supports up to 8 embedded audio channels per input.

Key features

- ▶ Eight 3G-SDI or up to four 12G-SDI input ports
- ▶ Requires firmware version 6.0 or above
- ▶ 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

Eight 3G-SDI or up to four 12G-SDI input ports

Up 8x 3Gbps (3G-SDI) or 4x 12Gbps (12G-SDI) bandwidth

10-bit formats up to

- 2K60 4:2:2 / 2K30 4:4:4 (3G-SDI)
- 4K60 4:2:2 / 4K30 4:4:4 (12G-SDI)

3G-SDI mode

- compatible with SD-SDI, HD-SDI, 3G-SDI (Level A and B)

- Up to 4 audio channels
- 12G-SDI as 4x 3G-SDI 2SI

12G-SDI mode

- compatible with SD-SDI, HD-SDI, 3G-SDI (Level A and B), 6G-SDI, 12G-SDI

- Up to 8 audio channels

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).