

Four SDVoE input card for Aquilon series

Ref. ACC-AQL-IN-SDVOE



Field swappable AV over IP input card for Aquilon series with four SDVoE ports



SDVoE
ALLIANCE

4K60
4:4:4

10Gb
Ethernet

No
added
latency

HDCP
2.2

HDR

HDR
up to
144Hz

Overview

The Analog Way **ACC-AQL-IN-SDVOE** is a field-swappable input card with four SDVoE ports, designed to work with any **Aquilon** live presentation switcher. Each port is interoperable with any compliant third-party SDVoE 10GbE network extender (requires a third-party 10GbE switch and SDVoE control solution) or with any compliant SDVoE point-to-point extenders. Each input port supports audio and video over IP with formats up to 4K60 8-bit 4:4:4 or any custom resolution with a 4096-pixel max width. The card supports up to 8 embedded audio channels per input and features advanced HDCP 1.4 and 2.2 handshake.

Key features

- ▶ Four SDVoE input ports
- ▶ True 4K60 4:4:4 performance on every input port
- ▶ Zero additional latency
- ▶ Connector network status LEDs (not for video signal status)
- ▶ HDR compliant with HDR10 and HLG
- ▶ High Frame rate up to 144Hz
- ▶ Supports up to 8 embedded audio channels per input (PCM)
- ▶ EDID management
- ▶ Compliant with HDCP 1.4 and HDCP 2.2
- ▶ Field-swappable card (not hot-swappable)

Technical Specifications

Four RJ45-Type SDVoE input ports

Suitable cables: CAT6A STP up to 100m/328ft

Compatible with SDVoE switched network and point-to-point connections

- 8-bit formats up to:
- 4K60 4:4:4
 - 2560x1440@144Hz 4:4:4

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

Custom formats with a 4096-pixel max width

Compliant with HDCP 1.4 and HDCP 2.2

Supports BT.709 and BT.2020 color spaces

Do not support any other SDVoE features than video and audio over IP

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

- ▶ 0.2 kg / 0.44 lbs

Shipping weight accessories included

- ▶ 0.4 kg / 0.88 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).