

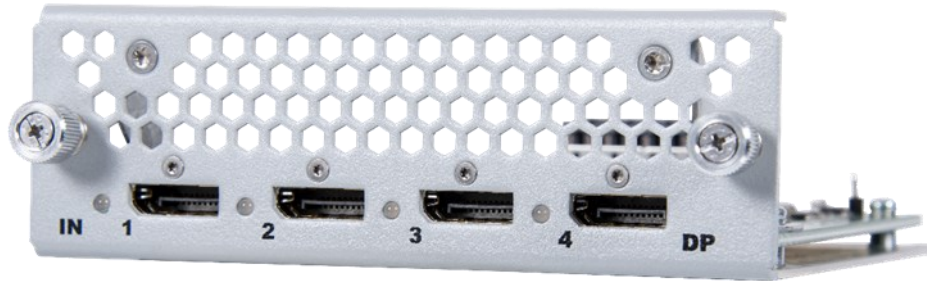
DisplayPort 1.2 / 1.4 input card for LivePremier™ series

Ref. ACC-AQL-IN-DP



ANALOG WAY[®]
Pioneer in Analog, Leader in Digital

Field swappable input card for LivePremier™ series with up to four DisplayPort 1.2 ports or two DisplayPort 1.4 ports



4K60
4:4:4

DP
1.2/1.4

HDCP
2.2

HDR

HFR
up to
144Hz

Overview

- The Analog Way **ACC-AQL-IN-DP** is a field-swappable input card with four DisplayPort ports, designed to work with any **LivePremier™** live presentation switcher. These ports can be configured either as two DP 1.4 ports or as four DP 1.2 ports or as a mix of them. In DP 1.4 mode each input port can support formats up to 5K60p 10-bit 4:4:4 or up to 3840x2160RB 120Hz 8-bit 4:4:4. In DP 1.2 mode, each input port supports format up to 4K60 10-bit 4:4:4 as well as custom resolutions such as extra-wide 8192x1080@60Hz. The card supports up to 8 embedded audio channels per input and features advanced HDCP 1.4 and 2.2 handshake.

Key features

- ▶ Four DisplayPort 1.2 or up to two DisplayPort 1.4 input ports
- ▶ DP 1.4 support requires firmware version 5.0 or above
- ▶ True 4K60 4:4:4 performance on every input port
- ▶ Supports 4K60 input as single, double or quad ports
- ▶ Connector status LEDs for easy troubleshooting
- ▶ 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 DisplayPort 1.2 or up to two DisplayPort 1.4 input ports

Up to 4x 21.6 Gbps (DP1.2) or 2x 32.4 Gbps (DP1.4) bandwidth

10-bit formats up to:

- 4K60 4:4:4 (DP1.2)
- 5K60 4:4:4 (DP 1.4)

High Frame Rate up to:

- 2560x1440 144Hz 8-bit 4:4:4 (DP 1.2)
- 3840x2160RB 120Hz 8-bit 4:4:4 (DP 1.4)

Extra-wide custom formats such as 16384x1080@60Hz (8K x 1K in DP)

Compliant with HDCP 1.4 and HDCP 2.2

Supports BT.709 and BT.2020 color spaces

No DSC support

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 LivePremier™ switcher

Safety Compliance

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