Four HDMI 2.0 over fiber input card for LivePremier™ series

Ref. ACC-AQL-IN-HDMI-FBR

ANALOG WAY®
Pioneer in Analog, Leader in Digital

Field swappable input card for LivePremier™ series with four HDMI 2.0 over fiber ports

4K60 4:4:4	HDMI 2.0	HDCP 2.2	HDR	FIBER OPTICAL

Overview

The Analog Way **ACC-AQL-IN-HDMI-FBR** is a field swappable input card equipped with four fiber optical ports and designed to work with any LivePremier™ live presentation switcher. Each input port can receive an uncompressed HDMI 2.0 class 4K signal with embedded audio from a distance of up to 600m (~2000 ft.) or a FullHD signal from a distance of up to 2500m (~8200 ft.) over one multimode fiber cable. Each input port supports formats up to 4K60 8 bits 4:4:4 or 4K60 10 bits 4:2:2 as well as custom resolutions such as extra-wide 8192×1080@60Hz. This input card supports up to 8 embedded audio channels per input and features advanced HDCP 1.4 and 2.2 handshake as well as HDR compatibility.

Key features

- ▶ Four fiber optical input ports (standard SC connectors)
- ▶ Fully compatible with HDMI 2.0
- ▶ Uncompressed video up to 18 Gbps bandwidth per port
- ▶ Field swappable card (not hot swappable)
- ▶ 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
- ▶ Supports up to 8 embedded audio channels per input (PCM)
- ▶ EDID management
- ▶ Compliant with HDCP 1.4 and HDCP 2.2

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
- ▶ 1-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)

Technical Specifications

Four input standard SC connectors
Multimode fiber
Up to 18 Gbps bandwidth per port
8-bit formats up to UHD/4K@60Hz 4:4:4 (no chroma subsampling)
10-bit formats up to: - 4K60 with 4:2:2 chroma subsampling - 4K30 4:4:4 - 2560x1440@60Hz 4:4:4
Extra-wide custom formats such as 8192×1080@60Hz (8k x 1k) or 1080×8192@60Hz
Up to 2500m (~8200 ft.) in Full HD
Up to 600m (~2000 ft.) in 4K
Compliant with HDCP 1.4 and HDCP 2.2
Supports BT.709 and BT.2020 color spaces
No additional latency
Compatible with Analog Way's HDMI 2.0 to fiber transmitter (ref. EXT-HDMI20-OPT-TX)

ⓘ Specifications subject to change without prior notice