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 | HFR up to 144Hz | OPTICAL FIBER |

Overview

The Analog Way ACC-AQL-IN-HDMI-FBR is a field swappable input card equipped with four optical fiber 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 optical fiber 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
▶ 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

Technical Specifications

Four input standard SC connectors		
Multimode fiber		
Up to 18 Gbps bandwidth per port		
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	
Extra-wide custom formats such as 8192×1080@60Hz (8k x 1k) or 1080×8192@60Hz		
Long range:	• 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)		

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)

ⓘ Specifications subject to change without prior notice