






HDMI 2.0 Input Card for FLEX Modular Matrix

8-Port 18Gbps HDMI Input Card with HDCP 2.2, HDR & 4K60 4:4:4 for FLEX Series Modular Matrix Switchers

MPN: FLEX-HDMI8IN

Add eight HDMI 2.0 source inputs to any KanexPro FLEX modular matrix chassis in seconds. The FLEX-HDMI8IN is a hot-swappable HDMI input card that slides into the FLEX matrix chassis, instantly expanding source capacity by eight ports. Each port supports 18Gbps bandwidth at up to 4K 3840×2160 @60Hz 4:4:4 with HDCP 2.2 content protection and full HDR pass-through — delivering pristine, uncompromised video from every connected source.

Designed for bars, restaurants, hospitality venues, and commercial AV environments, the card handles the full range of HDMI 2.0 formats including deep color (8/10/12-bit), wide chroma sampling (RGB, YCbCr 4:4:4/2:2/4:2:0), and immersive audio up to 7.1-channel LPCM, Dolby TrueHD, Dolby Digital Plus, DTS-HD Master Audio, and DTS-X. Stack up to three input cards per chassis to scale from 8 to 24 source inputs.

 4K60 4:4:4 HDR 18 Gbps	 HDCP 2.2 Protected Content Ready	 8 Inputs HDMI Type A Per Card	 HDR High Dynamic Range	 Modular Hot-Swappable Design
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KEY FEATURES

- 8× HDMI 2.0 Type A inputs per card with 18Gbps bandwidth and HDCP 2.2/1.x content protection
- Supports 4K 3840×2160 @60Hz 4:4:4 (8-bit) — full Ultra HD resolution on every port
- HDR pass-through preserves high dynamic range metadata from source to display
- Deep color support at 8, 10, and 12 bits per color with RGB and YCbCr 4:4:4/2:2/4:2:0 chroma sampling
- Full audio pass-through: LPCM up to 7.1, Dolby Digital, Dolby TrueHD, DD+, DTS-ES, DTS-HD Master, DTS-HD HRA, DTS-X
- Modular hot-swappable design — slides into any FLEX chassis without tools or system downtime
- Scalable: install up to 3 input cards per chassis for 8, 16, or 24 total HDMI inputs
- Compatible with FLEX-MF8X10, FLEX-MF16X20, FLEX-MF24X36, and FLEX-MF24X60 matrix chassis

SPECIFICATIONS

HDMI Standard	HDMI 2.0
HDCP Compliance	HDCP 2.2, HDCP 1.x
HDR	Supported
Maximum Data Rate	18 Gbps
Video Resolution	Up to 3840×2160 @60Hz 4:4:4 (8-bit)
Chroma Sampling	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color Bit Depth	8, 10, 12 bits per color
Audio Formats	LPCM 2.0/2.1/5.1/6.1/7.1, Dolby Digital, Dolby TrueHD, DD+, DTS-ES, DTS-HD Master, DTS-HD HRA, DTS-X
Input Connectors	8× HDMI Type A (19-pin female)
Max Cards per Chassis	3 input cards (up to 24 HDMI inputs)
Compatible Chassis	FLEX-MF8X10 • FLEX-MF16X20 • FLEX-MF24X36 • FLEX-MF24X60

PACKAGE CONTENTS

1× FLEX-HDMI8IN HDMI Input Card