

HDMI Output Card for Modular Matrix Switcher with 12 Outputs

HDMI Output Card for KanexPro Modular Matrix

MPN: FLEX-HDMI12OUT



The **KanexPro FLEX-HDMI12OUT** Output Card is designed for use with the KanexPro FLEX modular matrix switcher system. This output card allows for 12 HDMI output connections and enables users to route HDMI video and audio signals from a central matrix to multiple display devices (such as monitors, projectors, or TVs) simultaneously.

The **KanexPro FLEX-HDMI12OUT** Output Card is a powerful and flexible solution for distributing HDMI video and audio signals to 12 different displays. Its high-quality video support, HDR, and HDCP compliance make it suitable for a range of professional applications, including digital signage, control rooms, corporate AV systems, and more. The card is part of a modular system that allows for scalability and customization, and its hot-swappable design ensures minimal downtime during system upgrades or maintenance.

Applications:

- Corporate and Conference Room AV Systems
- Educational Institutions and Lecture Halls
- Broadcasting and Production Studios
- Security and Surveillance Command Centre’s
- Live Events and Venues
- Residential Home Theater Systems
- Retail and Digital Signage
- Hotels and Hospitality
- Healthcare and Medical Facilities

Key Benefits of Using a FLEX-HDMI12OUT Matrix Switcher Output Card:

- 12 HDMI Outputs for Large-Scale Distribution
- 4K Ultra HD Video Support
- HDCP 2.2 Compliance
- Modular and Scalable Design
- Hot-Swappable
- Seamless Integration into AV Systems
- Reliable Signal Distribution

The **KanexPro FLEX-HDMI12OUT** output card delivers flexibility, reliability, and high-quality performance, making it an ideal choice for complex AV installations that require distributing high-definition signals to multiple outputs. Whether for corporate, educational, broadcast, or signage applications, this card simplifies AV management while ensuring excellent video and audio delivery.

FEATURES

- Output Ports: 12 x HDMI Type A (19-pin female)
- 4K/UHD HDMI Video
- HDMI 2.0 and HDCP 2.2 support
- Modular & Scalable Design
- Hot Swappable
- HDR Supported
- Supports Up to 18 Gbps Data rate

SPECIFICATIONS

TECHNICAL	
Output Card ports	12 x HDMI Type A (19-pin female)
HDMI	2.0, 18Gbps, HDCP 2.2 support
Standards	HDMI 2.0, HDCP 1.x, HDCP 2.2
HDR	Supported
Maximum data rate	18 Gbps
Video Resolution	Up to 3840x2160 60Hz 4:4:4 (8bit)
Chroma sampling	Up to 3840x2160 RGB and YCbCr 4:4:4, YCbCr 4:2:2/4:2:0 4:4:4 (8bit)
Colour bit depth	8, 10, 12 bits per colour