

16x20 4K60 Modular Matrix Switcher with Built-In Video Wall






The Sports Bar Matrix — 16 Sources to 20 Screens with Video Wall, Quad View & 7" Touch

MPN: FLEX-MF16X20



Sixteen cable boxes in. Twenty TVs out. One chassis that handles video wall, quad view, and independent scaling without a single external processor. The FLEX-MF16X20 is a modular 4K60 matrix switcher built for bars, restaurants, hotels, and multi-zone venues where every screen needs to show the right source at the right resolution — controlled from a 7" touchscreen at the bar or remotely via Web GUI.

HDMI 2.0, 18Gbps, HDCP 2.2. Hot-swappable HDMI and CAT cards. CAT extends 4K to 230ft (70m). CEC powers displays on/off by zone. RS-232, TCP/IP, Web GUI for Crestron/Control4 integration.

 16x20 HDMI/CAT Matrix	 Video Wall Up to 4x3 12 Displays	 4K60 18Gbps HDCP 2.2	 Hot-Swap Modular Cards	 7" Touch On-Site Control
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KEY FEATURES

- 16 HDMI inputs • 20 HDMI/CAT outputs • hot-swappable modular cards (2 input + 2 output slots)
- 4K/UHD 60Hz 4:4:4 at 18Gbps with HDCP 2.2 and HDR on every port
- Video wall up to 4x3 (12 displays) with bezel compensation — no external video wall processor
- Quad view: four sources on one screen • independent per-output scaling for mixed-resolution displays
- CAT output extends 4K to 230ft (70m) via FLEX-CATRX receivers — single cable per display
- CEC display control powers screens on/off by zone — no IR or relay hardware needed
- 7" front-panel touchscreen for live switching, preset recall, and system monitoring
- RS-232, TCP/IP, Web GUI — integrates with Crestron, Control4, Savant, and other control platforms

SPECIFICATIONS

HDMI Standard	HDMI 2.0 • HDCP 1.x / 2.2 • HDR
Max Resolution	3840x2160 @60Hz 4:4:4 (8-bit)
Bandwidth	18Gbps
Color Depth	8, 10, 12 bits per color
Audio	LPCM up to 7.1, Dolby TrueHD, DD+, DTS HD Master, DTS:X
Input	2 card slots (up to 16x HDMI via FLEX-HDMI8IN)
Output	2 card slots (up to 20x CAT/HDMI)
Video Wall	Up to 4x3 (12 displays), 30 zones
Control	RS-232 • TCP/IP • Web GUI • 7" Touch Panel
Dimensions	445x355x450mm (17.5"x14"x17.7")
Weight	21 kg (46 lbs)

PACKAGE CONTENTS

Contact KanexPro for package contents — chassis only, input/output cards sold separately

