

Flex Matrix Pro 16x16 4K60 Crosspoint Modular Matrix Switcher

5-Format Crosspoint — HDMI · DisplayPort · HDBaseT · Fiber · 12G-SDI — with Dante/AES67

MPN: FLEX-PRO16X16



Five signal formats. One crosspoint chassis. Zero external converters. The FLEX-PRO16X16 accepts HDMI 2.0, DisplayPort, HDBaseT 3.0 (330ft/100m), fiber optic (2km singlemode), and 12G-SDI inputs on hot-swappable 4-port cards — routing any source to any of 16 outputs at 4K/UHD 60Hz 4:4:4, 18Gbps, with HDCP 2.2 and seamless switching across every crosspoint.

Dante/AES67 built into MCU card. Redundant PSUs. PoC for CAT endpoints. Video wall, quad view, independent scaling. TAA compliant. Same card ecosystem scales to 128x128.

 5-Format HDMI-DP-CAT Fiber-SDI	 Dante AES67 Audio Networking	 16x16 Crosspoint Matrix	 Redundant Dual PSU Hot-Swap	 TAA Government Compliant
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KEY FEATURES

- 16x16 crosspoint: 4 input + 4 output card slots × 4 ports each — HDMI, DisplayPort, CAT, Fiber, or 12G-SDI in any combination
- 4K/UHD 60Hz 4:4:4 • 18Gbps • HDCP 2.2 • HDR • seamless switching • independent output scaling
- Dante/AES67 native via FLEX-MCU-Dante — 8ch LPCM, Dolby TrueHD, DTS-HD MA passthrough
- HDBaseT 3.0: 330ft/100m uncompressed 4K60 over CAT6A with PoC • Fiber: 984ft MM / 6,562ft SM
- 12G-SDI: 12G/6G/3G/HD-SDI at up to 11.88Gbps • SMPTE/ITU compliant • auto reclocking
- Redundant hot-swappable PSUs • bi-directional RS-232 and LAN to endpoints
- Video wall (4x3) • quad view • CEC • EDID/HDCP management • presets
- TAA compliant • 7" touch panel • Web GUI • Dante Controller • Dante Domain Manager ready

SPECIFICATIONS

Crosspoint	16x16 (4 input + 4 output slots × 4 ports)
I/O Formats	HDMI 2.0 • DisplayPort • CAT (HDBaseT 3.0) • Fiber • 12G-SDI
Resolution	4096x2160 @60Hz 4:4:4 • 18Gbps • HDCP 2.2 • HDR
Audio	Dante/AES67 • LPCM 8ch • Dolby TrueHD • DTS-HD MA
CAT Extension	330ft (100m) via CAT6A • PoC from chassis
Fiber Extension	MM 984ft (300m) • SM 6,562ft (2km)
SDI	12G/6G/3G/HD-SDI • up to 11.88Gbps
Switching	Seamless • video wall (4x3) • quad view • independent scaling
Control	7" touch • RS-232 • TCP/IP • Web GUI • Dante Controller
Power	Redundant hot-swappable PSUs • 100–240VAC

PACKAGE CONTENTS

Chassis only — I/O cards, endpoints, and MCU-Dante card sold separately

