

Flex Matrix Pro 64x64 4K60 Crosspoint Modular Matrix Switcher

Enterprise 4K60 Crosspoint — 64 In, 64 Out — HDMI/DP/CAT/Fiber/SDI with Dante Audio

MPN: FLEX-PRO64X64



At 64x64, the Flex Matrix Pro enters territory traditionally owned by Crestron and Lightware — at roughly half their price. Sixteen input and sixteen output card slots deliver 64 fully routable crosspoints across five signal formats: HDMI, DisplayPort, HDBaseT 3.0, fiber optic, and 12G-SDI. Every path supports 4K60 4:4:4 at 18Gbps with HDCP 2.2, HDR, and seamless switching.

Native Dante/AES67 replaces external audio matrices. Fiber cards span 2km between buildings. Redundant PSUs and PoC deliver enterprise reliability. TAA compliant.

 64x64 Enterprise Crosspoint	 5 Formats HDMI-DP-CAT Fiber-SDI	 Dante AES67 Built-In	 Fiber Up to 2km Singlemode	 TAA Gov't Compliant
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KEY FEATURES

- 64x64 crosspoint architecture — 16 input + 16 output card slots with 4 ports each
- Five hot-swappable card types: HDMI 2.0, DisplayPort, CAT/HDBaseT 3.0, Fiber Optic, 12G-SDI
- Every crosspoint: 4K60 4:4:4 • 18Gbps • HDCP 2.2 • HDR • seamless switching
- Built-in Dante/AES67 via MCU card — no external audio infrastructure required
- Fiber optic: singlemode 6,562ft (2km) for inter-building campus distribution
- Redundant hot-swappable PSUs • PoC delivers power to all CAT endpoints
- Video wall, quad view, independent output scaling, CEC, preset save/recall
- TAA compliant • 7" touch • Web GUI • RS-232 / TCP/IP • Dante Controller

SPECIFICATIONS

Crosspoint	64x64 (16 input + 16 output slots x 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 • 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

