Flex Matrix Pro 32×32 4K60 Crosspoint Modular Matrix Switcher

Dante-Native Multi-Format Crosspoint for Broadcast, Corporate & Government AV

MPN: FLEX-PRO32X32

When a 16×16 is too small and a 64×64 is overkill, the FLEX-PRO32X32 hits the sweet spot for mid-scale multi-format routing. Eight input and eight output card slots accept any mix of HDMI, DisplayPort, HDBaseT, fiber optic, and 12G-SDI — delivering 32 fully routable crosspoints at 4K60 4:4:4 with 18Gbps bandwidth, HDCP 2.2, and seamless switching.

Dante/AES67 handles audio natively. Redundant PSUs keep the system live. PoC eliminates endpoint power supplies. TAA compliant for government projects. Same I/O cards as every Flex Pro chassis.

32×32 Non-Blocking Crosspoint	**Dante** AES67 Native Audio	**Multi-Format** 5 Card Types Any Mix	**Redundant** Dual PSU Mission-Critical	**TAA** Government Ready

KEY FEATURES

- 32×32 non-blocking crosspoint — 8 input + 8 output slots, 4 ports each, any format mix
- HDMI 2.0 · DisplayPort · HDBaseT 3.0 (330ft) · Fiber (2km SM) · 12G-SDI (11.88Gbps)
- 4K60 4:4:4, 18Gbps, HDCP 2.2, HDR across every crosspoint with seamless switching
- Dante/AES67 on the MCU card — Dolby TrueHD, DTS-HD MA, 8ch LPCM passthrough
- Redundant hot-swappable PSUs · PoC powers CAT TX/RX from chassis
- Video wall up to 4×3, quad view, per-output scaling, CEC, EDID/HDCP management
- RS-232, TCP/IP, Web GUI, 7" touch · bi-directional control to endpoints
- TAA compliant · Dante Domain Manager ready · scales to 128×128 with same cards

SPECIFICATIONS

Crosspoint	32×32 (8 input + 8 output slots × 4 ports)
I/O Formats	HDMI 2.0 • DisplayPort • CAT (HDBaseT 3.0) • Fiber • 12G-SDI
Resolution	4096×2160 @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 (4×3) • 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