

DKM FX Matrix Switches Overview

Step 1: Review this overview chart.

The switches provide high-performance, modular enterprise routing for complete in-band signal distribution of high-definition video, audio and data over CATx or fiber optic cable. Switches support up to 576 I/O ports in a single frame. Each port can be configured as input or output scalable from one CPU to multiple workstations or with multiple CPUs managed by a single workstation console.

DKM FX MODULAR KVM MATRIX SWITCHES OVERVIEW AND SPECIFICATIONS					
	48 PORTS (3U)	80 PORTS (4U)	160 PORTS (9U)	288 PORTS (13U)	576 PORTS (25U)
INTERFACE	Input: CATx or fiber, any combination Output: CATx or fiber, any combination				
OPTIONAL INTERFACES	DVI-D, DVI-I (VGA), HDMI, DisplayPort 1.1 (30 Hz) and 1.2 (60 Hz), USB-HID, USB 2.0, USB 3.0*, SDI, analog audio, digital audio, RS-232, RS-422, PS/2 (Interfaces depend on the CPU/CON unit used) *Not valid on the 288- and 576-port units.				
DISTANCE PER CONNECTION (MAX)	CATx: 460 ft. (140 m) Multimode fiber: .6 mi. (1 km) Single-mode fiber: 6.2 mi (10 km) Coax (RG-59 B/U): 328 ft. (100 m)				
CONTROL	OSD (On-Screen Display) on each sonsole, software tool, API				
POWER SUPPLY	(1) 100-240 VAC, 50-60Hz, 5 A		(2) 100-240 VAC, 50-60 Hz, 9A	(2) 100-240 VAC, 50-60 Hz, 12 A	(2) 100-240 VAC, 50-60 Hz, 20 A
SKU	ACX048 Base unit with control board)	ACX080 (Base unit with control board)	ACX160 (Base unit with control board)	ACX288* (Base unit with two control boards)	ACX576* (Base unit [2 x 288 ports, 288 input, 288 output] with two control boards)

*Does not support the ACX108-6G I/O boards unless you're switching amongst the local 8-ports on the same I/O card.

I/O BOARDS	PRODUCT CODE
CATx, 8-ports	ACXI08-C
Fiber, 8-ports including 8 x SM GBICs	ACXI08-SM
6-GB, high-speed, 8-ports including SM GBIC, LC duplex, bidirectional	ACXI08-HS
Universal for USB 3.0 and SDI, (empty) 8-ports	ACXI08-6G*
Grid, 8-to-1 port, fiber, including SFP, SM, LC-duplex, bidirectional, 1.4 km, 10-GB	ACXI08-GRID

* USB 3.0 not available on 288- and 576-port units.