

Product Data Sheet

8-Port Compact KVM Matrix Switches

OVERVIEW

The 8-Port Compact KVM Matrix Switches are specifically designed for smaller KVM requirements using the same technology as in our larger DKM Compact KVM Matrix Switches.

The switches are available in CATx, Fiber (1 Gbps), Fiber High Speed (3 Gbps), or universal combinations. They work with DKM extender modules to accommodate a wide variety of signal formats.

Setup and configuration are easy via the on-screen display (OSD) or the Java-based software tool.

FEATURES

- ◆ Compact size, 1U (half-wide)
- ◆ Port connections for CATx, fiber, or coax cable
- ◆ Instant switching
- ◆ Supports dynamic port assignment
- ◆ Mix and match (1 Gbps fiber ports can be switched to 1 Gbps CATx ports and vice versa)
- ◆ Matrix Grid option allows multi-matrix connections through grid lines
- ◆ Java based software tool for configuration, operation and maintenance
- ◆ Multi-signal support: KVM, USB 2.0/3.0, SDI (SD/HD/3G)
- ◆ Remote extenders can be updated through the matrix
- ◆ API service for connection with media controls
- ◆ Multi-screen control
- ◆ SNMP and Syslog monitoring
- ◆ Redundant power supply
- ◆ Supports fully or partly matrix redundancy



ACXC8FHS



ACXC8U



ACXC8-M



ACXC8F-M

8-Port Compact KVM Matrix Switches Data Sheet

SPECIFICATIONS

TABLE 1. SPECIFICATIONS

SPECIFICATION	KVM			UNIVERSAL (KVM/SDI)	
	CATX	FIBER	FIBER HIGH SPEED	FIBER MULTIMODE	COAXIAL
Supported signals	DisplayPort, HDMI, DVI-D, DVI-I, USB 2.0, USB HID, RS-232, RS-422, analog/digital for balanced audio			USB 3.0	SDI
Maximum resolution DVI Single-Link DVI Dual-Link 4K Video	1920 x 1200 @ 60 Hz/24 bit 2560 x 2048 @ 60 Hz/24 bit 4K/UHD			— — —	— — Up to 1080p
Bandwidth	1G	1G	3G	6G	6G
Maximum Cable Distance	460 ft. (140 m)	6.21 mi. (10 km)	6.21 mi. (10 km)	656 ft. (200 m)	656 ft. (200 m)
Control	OSD (On-Screen Display), Java-based software tool, API				
Power Supply	Internal power supply unit (100–240 VAC, 50/60 Hz, 0.7 A max.) Redundant PSU available (part number ACXMODH2-PS)				
Dimensions	Desktop version: 1.8"H x 8.7"W x 5.7"D (4.5 x 22 x 14.6 cm); Board version: 1.6"H x 3.9"W x 5.5"D (4.3 x 10 x 14 cm)				

ORDERING INFORMATION

Item	Code
8-Port Compact KVM Matrix Switches, Board Versions	
CATx	ACXC8-M
Fiber	ACXC8F-M
8-Port Compact KVM Matrix Switches, Chassis Versions	
CATx, with integrated power supply	ACXC8
Fiber, with integrated power supply	ACXC8F
Fiber High Speed, with integrated power supply	ACXC8FHS
Universal, with integrated power supply	ACXC8U
Accessories	
Power Supply Unit (100–240 VAC, 50/60 Hz, 3 A max.)	ACXMODH2-PS
Rackmount Kit for 2-Slot Chassis with internal PSU	ACXMODH2R-P-R2

ADDITIONAL PRODUCT PHOTOS



ACXC8



ACXC8F

DISCLAIMER

Black Box Corporation shall not be liable for damages of any kind, including, but not limited to, punitive, consequential or cost of cover damages, resulting from any errors in the product information or specifications set forth in this document and Black Box Corporation may revise this document at any time without notice.

ABOUT BLACK BOX

Black Box is a world leading technology solutions provider specializing in complete high-performance KVM, professional A/V signal distribution and extension and switching solutions for mission-critical applications. Black Box is dedicated to delivering superior project engineering, technical support, and 24/7 customer service you can rely on for your most critical operations. Every day, our customers trust us to design, integrate, and maintain reliable control room solutions for broadcasting, post-production, stadiums & arenas, medical, air traffic control, oil & gas, government & military, and utility industries. Leave the tech to us and our comprehensive technology solutions will deliver secure connections, fast-response times, real-time collaboration and more.