

Product Data Sheet

64- and 80-Port Compact KVM Matrix Switches

OVERVIEW

The 64- and 80-Port Compact KVM Matrix Switches are specifically designed for mid-sized 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, 2U
- ◆ 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



ACXC64



ACXC64F



ACXC64FHS

NOTE: The photos above look similar, but the ACXC64F has 1-Gbps fiber ports while the ACXC64FHS has 3-Gbps high-speed fiber ports.

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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)	328 ft. (100 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, 2 A max.)				
Dimensions	64- and 80-port models: 3.5"H x 17.4"W x 17.1"D (9 x 44.3 x 43.5 cm)				

ORDERING INFORMATION

Item	Code
64-Port Compact KVM Matrix Switches	
CATx, with integrated power supply	ACXC64
Fiber, with integrated power supply	ACXC64F
Fiber High Speed, with integrated power supply	ACXC64FHS
80-Port Compact KVM Matrix Switches	
CATx, with integrated power supply	ACXC80
Fiber, with integrated power supply	ACXC80F
Fiber High Speed, with integrated power supply	ACXC80FHS

80-PORT MODELS PHOTOS



ACXC80F



ACXC80FHS

NOTE: The photos above look similar, but the ACXC80F has 1-Gbps fiber ports while the ACXC80FHS has 3-Gbps high-speed fiber ports.

NOTE: ACXC80 looks similar to the ACXC64 photo below, but it has 80 RJ-45 twisted-pair ports instead of 64.



ACXC64

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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.

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