BLACK BOX®

ACXC16	ACXC32	ACXC48
ACXC16F	ACXC32F	ACXC48F
ACXC16FHS	ACXC32FHS	ACXC48FHS
ACXC16U	ACXC32U	ACXC48U

Product Data Sheet

16-, 32- and 48-Port Compact KVM Matrix Switches

OVERVIEW

The 16-, 32- and 48-Port Compact KVM Matrix Switches are specifically designed for smaller and 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, 1U
- 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

ACXC16

ACXC16F

ACXC16FHS

ACXC16U

NOTE: The ACXC16U does NOT include SFPs, but the photo above does show the SFP slots populated.

NOTE: The ACXC16F and ACXC16FHS photos above look similar, but the ACXC16F has 1-Gbps fiber ports while the ACXC16FHS has 3-Gbps high-speed fiber ports.

SPECIFICATIONS

TABLE 1. SPECIFICATIONS					
SPECIFICATION	KVM			UNVERSAL (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	16, 32, and 48 ports models: 1.8"H x 17.4"W x 17.1"D (4.5 x 44.3 x 43.5 cm)				

ORDERING INFORMATION

Item	Code
16-Port Compact KVM Matrix Switches	
CATx, with integrated power supply	**ACXC16**
Fiber, with integrated power supply	**ACXC16F**
Fiber High Speed, with integrated power supply	**ACXC16FHS**
Universal, with integrated power supply	**ACXC16U**
32-Port Compact KVM Matrix Switches	
CATx, with integrated power supply	**ACXC32**
Fiber, with integrated power supply	**ACXC32F**
Fiber High Speed, with integrated power supply	**ACXC32FHS**
Universal, with integrated power supply	**ACXC32U**
48-Port Compact KVM Matrix Switches	
CATx, with integrated power supply	**ACXC48**
Fiber, with integrated power supply	**ACXC48F**
Fiber High Speed, with integrated power supply	**ACXC48FHS**
Universal, with integrated power supply	**ACXC48U**

32-PORT MODELS PHOTOS

ACXC32

ACXC32F

ACXC32FHS

ACXC32U

NOTE: The ACXC32U does NOT include SFPs, but the photo above does show the SFP slots populated.

NOTE: The ACXC32F and ACXC32FHS photos above look similar, but the ACXC32F has 1-Gbps fiber ports while the ACXC32FHS has 3-Gbps high-speed fiber ports.

48-PORT MODELS PHOTOS

ACXC48

ACXC48F

ACXC48FHS

ACXC48U

NOTE: The ACXC48U does NOT include SFPs, but the photo above does show the SFP slots populated.

NOTE: The ACXC48F and ACXC48FHS photos above look similar, but the ACXC48F has 1-Gbps fiber ports while the ACXC48FHS has 3-Gbps high-speed fiber ports.

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.