

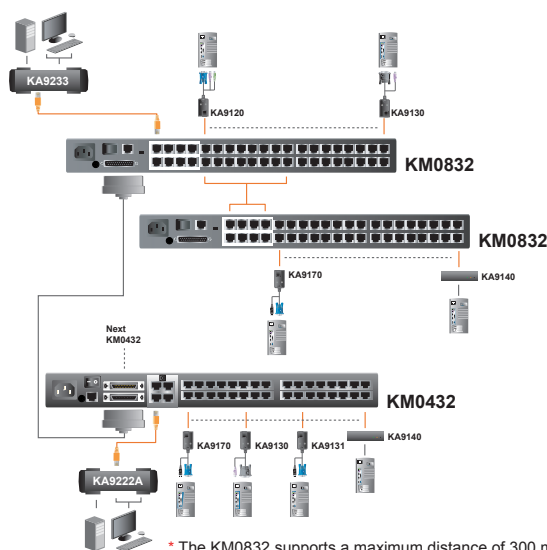
8-Console 32-Port Matrix KVM Switch

The KM0832 Matrix KVM Switch gives IT administrators in large corporations advanced control of multiple servers. Operators working at up to eight keyboard, mouse, and monitor consoles can simultaneously and independently take direct control of up to 32 computers. With a combination of daisy chaining and cascading, up to 8 consoles can access and control more than 8,000 computers.

Diagram



Simultaneous Access 8 Users	Console PS/2, USB	Computers PS/2, USB, Sun, Serial	OS Support Win, Mac, Linux, Unix, Sun, FreeBSD
Expansion Daisy Chain	Expansion Cascade	GUI	



* The KM0832 supports a maximum distance of 300 meters between console modules and KVM adapter cables.

Features

- Eight consoles independently and simultaneously control up to 32 directly connected servers
- Saves valuable time—backup and restore settings when changing root stations¹
- Cascades three levels to support up to 8,000 servers
- Daisy chain up to 7 additional KM0432 or KM0216 stations in root KM0832²
- Easy Web browser access to the KM0832 Administrator Utility to configure and maintain the KVM switch
- Supports up to 1024 user accounts
- Supports up to 256 group accounts
- Additional user port on front panel for easy system maintenance³
- Detachable front panel for easy access to front and rear of unit
- Multiplatform support: PC, Mac, Sun, and Serial
- Console conversion—any type of console can control any type of server; mixed combinations (PS/2 & USB) supported on both the console and server sides
- No software required—convenient computer selection via intuitive hotkey combinations or On Screen Display (OSD) menus
- Auto-sensing of station's position on daisy chain installations—OSD and front panel LED indicates station's position
- Port names are automatically reconfigured when the station sequence is changed
- Auto Scan feature for monitoring user-selected servers
- Supports three-level user access control (Super Administrator, Administrator, and user)
- Superior video quality—1024 x 768 @ 60Hz for up to 300m; 1920 x 1440 @ 60Hz (distance depends on installation environment)
- Auto Signal Compensation (ASC) assures optimum video resolution for distances up to 300m between servers and consoles—no DIP switch setting required
- Free lifetime flash firmware upgrades

1. Backup user and group accounts, station names, port access rights, and user profile settings.
2. When daisy chaining KM0432/KM0216 Matrix KVM Switches, KVM Ports 1-4 on the first-level KM0432 are held in reserve; avoid connecting computers and cascaded KVM switches to these KVM ports.
3. If this feature is not operative on your unit, you will need a newer version of the firmware. Contact your dealer for details.

Specifications

Function		KM0832
Computer Connections	Direct	32
	Max.	8,000 (via Cascade)
Console Connections		8
Port Selection		OSD, Hotkey
Connectors	Console Ports	8 x RJ-45 Female (Black)
	KVM Ports	32 x RJ-45 Female (Black)
	Daisy Chain Out Ports	1 x HPDB-50 Female (Black)
	Configuration	1 x RJ-45 Female (Black)
	Maintenance	1 x RJ-45 Female (Black)
	Power	1 x 3-prong AC Socket
Switches	Reset	1 x Semi-recessed Pushbutton
	Power	1 x Rocker
	F/W Upgrade	1 x Slide
	User Port 1	1 x Slide
LEDs	On Line (Console Port)	8 (Green)
	On Line/Selected (KVM Port)	32 Dual Colored (Green/Red)
	Power	1 (Blue)
Emulation	Keyboard/ Mouse	PS/2; USB (PC, Mac, Sun); Serial
Video		1024x768@60Hz (300m)
Scan Interval		1–240 seconds
I/P Rating		100–240VAC, 50/60Hz; 1A
Power Consumption		120V/19W; 230V/20W
Environment	Operating Temp.	0–50°C
	Storage Temp.	–20–60°C
	Humidity	0–80% RH, Non-condensing
Physical Properties	Housing	Metal
	Weight	4.90 kg
	Dimensions (L x W x H)	43.36 x 38.00 x 4.40 cm (19"1U)

* The specifications and pictures are subject to change without notice.