2-Console 16-Port Matrix KVM Switch
4-Console 32-Port Matrix KVM Switch

KM0216

KM0432

Simultaneous Access	Console	Computers	OS Support
2/4 Users	PS/2, USB	PS/2, USB, Sun, Serial	Win, Mac, Linux, Unix, Sun, FreeBSD

Expansion / Daisy Chain	Expansion / Cascade	NEW OS Support / Vista

Features

- Two or four consoles independently and simultaneously control up to 16 or 32 directly connected servers
- Daisy chain up to 7 additional matrix KVM switches
- Cascade up to 16 or 32 compatible KVM switches from each station on the chain
- Up to 16 or 32 consoles control all of the servers on a daisy chained/cascaded installation
- Compact design—rack mounts in 1U of rack space
- 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 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 150m; 1920 x 1440 @ 60Hz (distance depends on installation environment)
- Auto Signal Compensation (ASC) assures optimum video resolution for distances up to 150m between the switch and the consoles or servers—no DIP switch setting required
- Free lifetime flash firmware upgrades
- Auto-sensing of station's position on daisy chain installations—OSD and front panel LED indicates station's position
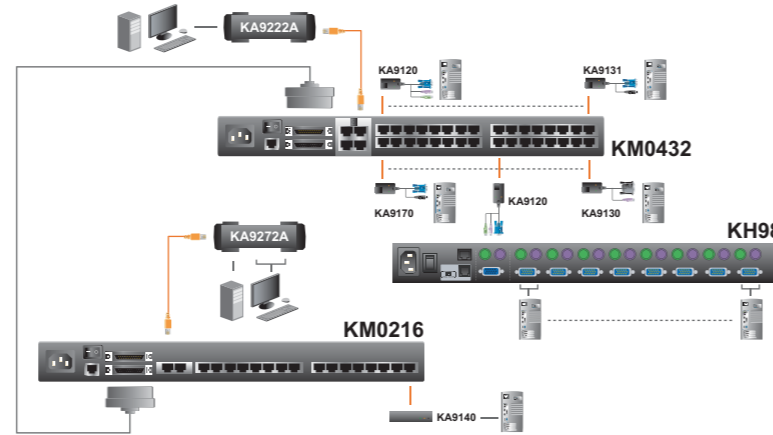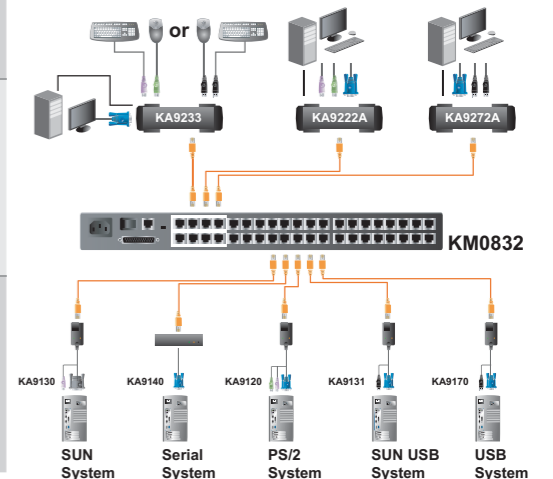- Port names are automatically reconfigured when the station sequence is changed

Diagram

* The maximum supported distance between the KM0216/KM0432 and console modules/KVM adapter cables is 150 meters.

Specifications

Function		KM0216	KM0432
Computer Connections	Direct	16	32
	Max.	1024 (via Daisy Chain + Cascade)	2048 (via Daisy Chain + Cascade)
Console Connections		2	4
Port Selection		OSD, Hotkey	
Connectors	Console Ports	2 x RJ-45 Female (Black)	4 x RJ-45 Female (Black)
	KVM Ports	16 x RJ-45 Female (Black)	32 x RJ-45 Female (Black)
	Daisy Chain Ports — In	1 x HPDB-50 Female (Black)	
	Daisy Chain Ports — Out	1 x HPDB-50 Female (Black)	
	F/W Upgrade	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	
LEDs	On Line/ Selected	16 Dual Colored (Green/ Red)	32 Dual Colored (Green/ Red)
	Power	1 (Blue)	
	Station ID	2 x 7-segment (Orange)	
Emulation	Keyboard/ Mouse	PS/2; USB (PC, Mac, Sun); Serial	
Video		1024 x 768 @150m	
Scan Interval		1–255 Seconds	
I/P Rating		100–240 VAC; 50/60Hz; 1A	
Power Consumption		120V/13.9W; 230V/13.9W	
Environment	Operating Temp.	0–50°C	
	Storage Temp.	-20–60°C	
	Humidity	0–80% RH, Non-condensing	
Physical Properties	Housing	Metal	
	Weight	4.20 kg	4.60 kg
	Dimensions (L x W x H)	43.80 x 28.40 x 4.40 cm (19"/1U)	

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

KVM Adapter Cables (CPU Modules):

Model No.	Type	Interface
KA9120	PS/2 KVM Adapter Cable	6-pin Mini-DIN Male, 6-pin Mini-DIN Male, HDB-15 Male
KA9130	Sun Legacy KVM Adapter Cable	13W3 Male, 8-pin Mini-DIN Male
KA9131	Sun USB KVM Adapter Cable	HDB-15 Male, USB Type A Male
KA9140	Serial KVM Adapter Module	RS-232 DB-9 Female
KA9170	USB KVM Adapter Cable	HDB-15 Male, USB Type A Male

Features

- KVM adapter cable designed with automatic conversion to allow for flexible interface combinations (PS/2, USB, Sun and Serial) to control all server types
- Compact size
- Auto Signal Compensation (ASC)—no DIP switch setting necessary to compensate for distance
- Hot pluggable—add or remove servers without having to power down the switch
- Supports VT-100 (KA9140)
- Built in ASIC for greater reliability and compatibility
- Superior video quality
- Lifetime flash firmware upgrades (KA9131 is not upgradable)

Diagram

KM0832

KA9130 — SUN System
KA9140 — Serial System
KA9120 — PS/2 System
KA9131 — SUN USB System
KA9170 — USB System

Console Modules:

Model No.	Type	Interface
KA9222A	PS/2 Console Module	HDB-15 Female, 6-pin Mini-DIN Female, 6-pin Mini-DIN Female, SPHD-15 Female
KA9272A	USB Console Module	HDB-15 Female, USB Type A Female, USB Type A Female, SPHD-15 Female