

# Matrix KVM Switch

## KM0432 4 Console 32 Port

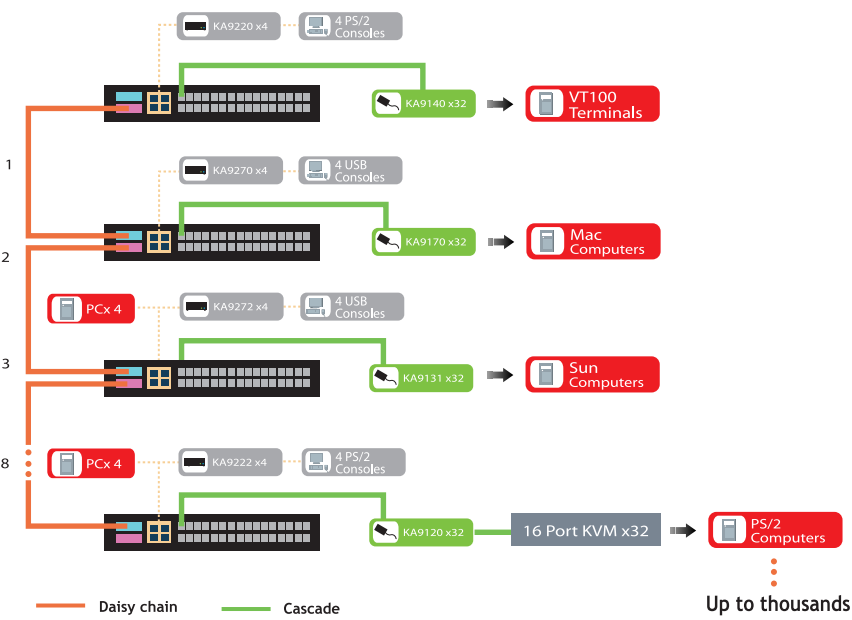
## KM0216 2 Console 16 Port



Feature :

- The most practical method for controlling large numbers of servers.
- Flexible scalability : Four Administrative consoles can control up to 4096 computers using daisy chain and cascade in tandem.
- Administrative Independence : 8 Administrators efficiently manage each segment group of up to 512 computers.
- Console module design with automatic console conversion allows flexible interface combinations (PS/2, USB, Sun and Serial)- either type of console (PS/2 or USB) can control all computer types
- Consoles can be up to 150m away from the switch –Auto Signal Compensation (ASC) compensates for the different distances between computer and console
- Convenient computer selection via intuitive Hot Key combinations or On Screen Display (OSD) menus; OSD port list automatically expands when stations are added
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- Three level password security: Super Administrator, Administrator, and Users
- Live firmware upgrading
- Compact design - RJ-45 connectors for console module and computer connections allow rack mounting in a 19" (1U) system rack

Connection Diagram



Multiple Platform Modules

- Auto signal compensation , no DIP Switch setting needed for the different distances of up to 150 meters between computers and the KM0432or the console and the KM0432
- One PS/2 / USB console module can control a local computer and a remote Matrix KVM Switch (KA9222 / KA9272)
- Toggle focus between your work PC and your KVM Switches / servers (KA9222 / KA9272)
- VT-100 Support (KA9140)
- Built in ASIC for greater reliability and compatibility Category 5 UTP Ethernet cable connects to the Matrix KVM Switch
- High resolution video - Up to 1024 x 768 @ 150 m (max)
- Firmware upgradable \*

Console Modules



CPU Modules



\* KA9131 excluded

Matrix KVM & Module Specifications

	Function	KM0432	KM0216
PC Connection	Direct	32	16
	Max via cascade daisy chain	4096	2048
Console Connection	Direct	4	2
	Max via 8 layers daisy chain	32	16
PC Selection			
KM0432	Hotkey, OSD		
	Connectors	Computer side Console side Chain in / out F/W upgrade	16 x RJ-45 (F) Black 2 x RJ-45 (F) Black 2 x HDB-50 (F) Black 1 x RJ-45 (F) Black
	LEDs	On Line / Selected Power Station ID	16 x Green/Red @ Front 1 x Blue @ Front 2-digit x Orange @ Front
	Enclosure	Metal	
	Weight	4.6 kg	4.2 kg
	Dimensions(LxWxH)	435x255x45mm	
KA9131 / KA9170	Connectors	Link K/B & Mouse to computer VGA to computer	1 x RJ-45 (F) Black 1 x USB Type-A (M) Black 1 x HDB-15 (M) Blue
	LEDs	Power Link	1 x Orange @ Top 1 x Green @ Top
	Connectors	Link	1 x RJ-45 (F) Black
	Plugs	Mouse to computer Keyboard to computer VGA to computer	1 x Mini-DIN-6 (M) Green 1 x Mini-DIN-6 (M) Purple 1 x HDB-15 (M) Blue
	LEDs	Power Link	1 x Orange @ Top 1 x Green @ Top
	Connectors	Link	1 x RJ-45 (F) Black
KA9120	Connectors	Link	1 x RJ-45 (F) Black
	Plugs	Mouse to computer Keyboard to computer VGA to computer	1 x Mini-DIN-6 (M) Green 1 x Mini-DIN-6 (M) Purple 1 x HDB-15 (M) Blue
	LEDs	Power Link	1 x Orange @ Top 1 x Green @ Top
	Connectors	Link	1 x RJ-45 (F) Black
	Plugs	K/B & Mouse to computer VGA to computer	1 x Mini-DIN-6 (M) Purple 1 x 13W3 (M) Gray
	LEDs	Power Link	1 x Orange @ Top 1 x Green @ Top
KA9130	Connectors	Computer Side Console Side	RS-232 1 x DB-9 female (black) 1 x RJ-45 female (black)
	Keyboard		1 x mini-DIN female (purple)
	VGA		1 x HDB-15 female (blue)
	Upgrade		1 x Earphone-jack-4 female(black)
	Enclosure	Plastic	
	Weight	120 g	
KA9270	Dimensions	90.0 x 43.0 x 20.3 mm	
	Connectors	Link to KM0432 Console K/B Console mouse Console monitor	1 x RJ-45 (F) Black 1 x USB Type-A 1 x USB Type-A 1 x HDB-15 (F) Blue
	LEDs	Power Link	1 x Orange @ Front 1 x Green @ Front
	Enclosure	Metal	
	Weight	440 g	
	Dimensions	200 x 85 x 35 mm	
KA9220	Connectors	Link to KM0432 Console mouse Console keyboard Console monitor	1 x RJ-45 (F) Black 1 x Mini-DIN-6 (F) Green 1 x Mini-DIN-6 (F) Purple 1 x HDB-15 (F) Blue
	LEDs	Power Link	1 x Orange @ Front 1 x Green @ Front
	Enclosure	Metal	
	Weight	440 g	
	Dimensions	200 x 85 x 35 mm	
	Connectors	Computer Side Console Side	1 x SPHD-15 (F) Yellow 1 x Mini-DIN-6 (F) Green 1 x Mini-DIN-6 (F) Purple 1 x HDB-15 (F) Blue
KA9222	Link		1 x RJ-45 (F) Silver
	Power Port		1 x DC Jack (F) Black
	Link		1 x Green @ Front
	Local		1 x Orange @ Front
	Enclosure	Metal	
	Weight	730 g	
KA9272	Dimension	200 x 74.5 x 42 mm	
	Connectors	Computer Side Console Side	1 x SPHD-15 (F) Green 2 x Type-A (F) White 1 x HDB-15 (F) Blue
	Link		1 x RJ-45 (F) Silver
	Power Port		1 x DC Jack (F) Black
	Link		1 x Green @ Front
	Local		1 x Orange @ Front
KA9140	Enclosure	Metal	
	Weight	780g	
	Dimension	200 x 74.5 x 42 mm	
	Switch	Normal / Recover	1 x Slide Switch
	Keyboard / Mouse Emulation	PS/2, USB (PC, Mac, Sun), Sun, Serial	
	Scan Interval	0 ~ 255 Seconds	
Resolution	1024 x 768, DD2B		
	Operation Temperature	0 ~ 50 °C	
	Storage Temperature	-20 ~ 60 °C	
	Humidity	0 ~ 80% RH, NC	