Simply Better Connections

KM0832

8-Console 32-Port Cat 5 Matrix KVM Switch with Daisy-Chain Port

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.

Features

- Eight consoles independently and simultaneously control up to 32 directly connected servers
- Saves valuable time - backup and restore settings when changing root stations
- Cascades three levels to support up to 8,000 servers *
- Daisy chain up to 7 additional KM0432 or KM0216 stations* in root KM0832**
- Supports up to 1024 user accounts
- Supports up to 256 group accounts
- Additional user port on front panel for easy system maintenance
- 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 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
- 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
- Multiplatform support:Windows 2000/XP/Vista, Linux, Mac, Unix, SUN and FreeBSD.
- For more information about KVMs which can connect to KM0832, see Compatible KVM Table

*The supported extension distance, video quality, cascaded levels, and number of supported daisy-chained units may differ, depending on your installation environment.
**When daisy chaining KM0432/KM0216 Matrix KVM Switches, KVM Ports 1-4 on the first-level KM0832 are held in reserve; avoid connecting computers and cascaded KVM switches to these KVM ports.

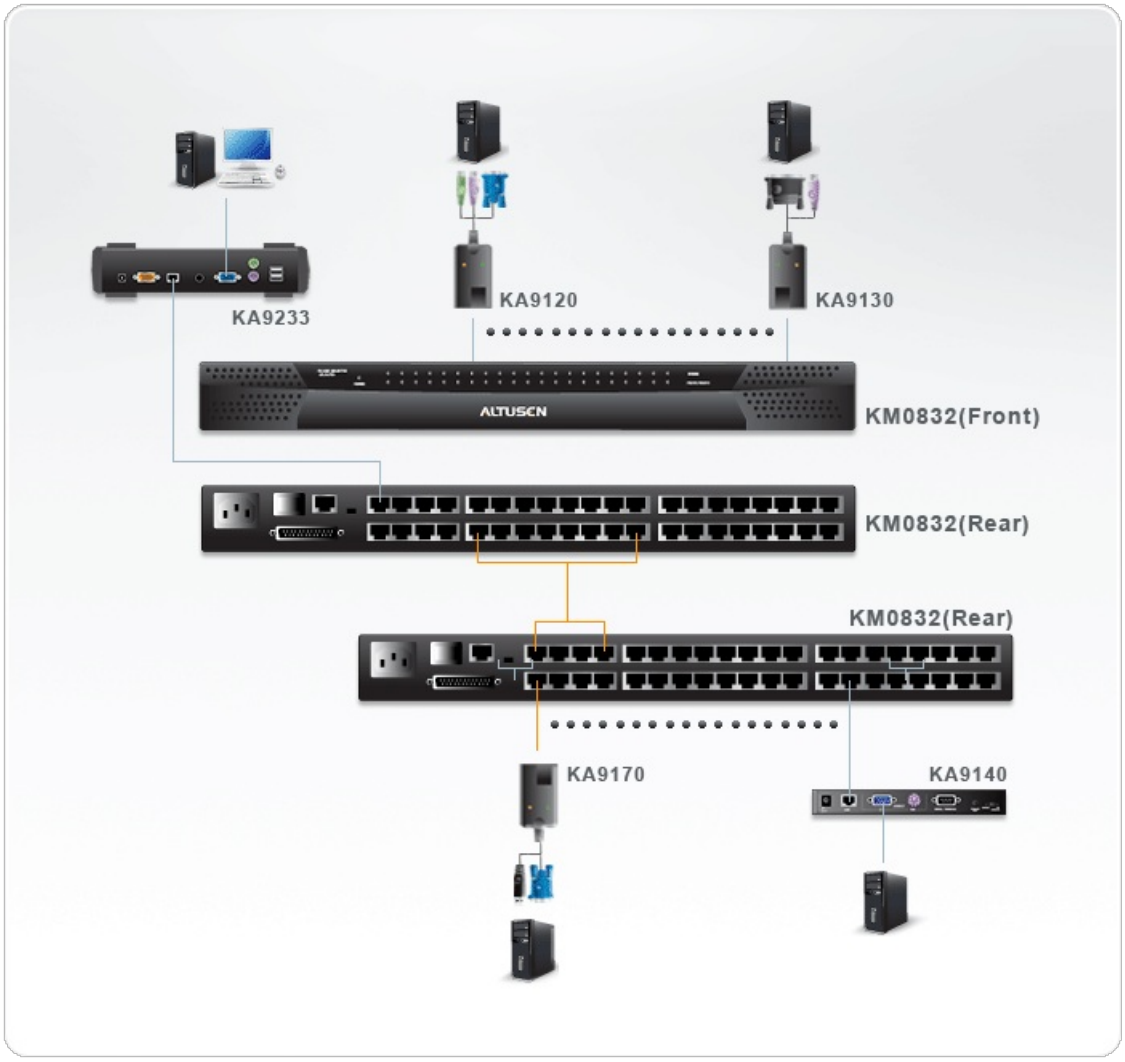
Specifications

Computer Connections	
Direct	32

Maximum	8000 (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 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
Firmware Upgrade	1 x Slide
User Port 1	1 x Slide
LEDs	
On Line (Console Port)	8 (Green)
Online / Selected (KVM Port)	32 Dual Colored (Green/Red)
Power	1 (Blue)
Emulation	
Keyboard / Mouse	PS/2; USB (PC, Sun, Mac); Serial
Video	1024x768@60Hz (300m)
Scan Interval	1~255 seconds
Maximum Input Power Rating	100~240 V AC; 50/60Hz; 1A
Power Consumption	120V / 19W ; 230V / 20W
Environmental	
Operating Temperature	0 - 50˚C
Storage Temperature	-20 - 60˚C
Humidity	0~80% RH, NC
Physical Properties	
Housing	Metal

Weight	4.90 kg
Dimensions (L x W x H)	43.36 x 38.00 x 4.40 cm
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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