

## 8/16-Port KVM Over the NET™ (Cat 5 KVM Switch with 1 Local 2 Remote User Access)

The KN2108/KN2116 KVM switch series offers a practical and affordable management solution for data centers housing a large number of servers. These switches are ideal for network administrators who are responsible for mission critical operations and require 24/7 server room access.

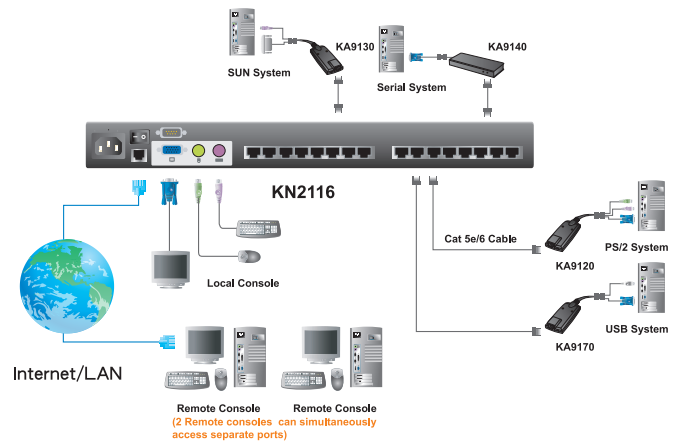
The KN2108 and KN2116 allow 3 administrators- one logged in at a local console; the other two logged in remotely from any IP connected web browser-and up to 32 users to securely monitor, manage, troubleshoot or run applications from up to 8 and 16 connected devices respectively

### Diagram



#### KVM Adapter Cables:

Connect to systems with PS/2 ports	KA9120
Connect to systems with USB ports	KA9170
Connect to Sun Legacy systems (with 13W3 port)	KA9130
Connect to serial based devices	KA9140



Simultaneous Access 1 Local User 2 Remote IP Users	Console PS/2	Computers PS/2, USB, Sun, Serial	OS Support Win, Mac, Linux, Unix, Sun	Expansion Cascade	IP Ready TCP/IP	Remote UI Browser, Java Client	PON Available
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### Features

- 8 (KN2108) or 16 (KN2116) port remote access KVM switch – monitor and control up to 8 or 16 computers from a single KVM (Keyboard, Video, Mouse) console
- Remotely access computers via LAN, WAN, or the Internet; control your installation when and where you want
- Supports 3 bus sessions – 1 Local and 2 Remote administrators can simultaneously access separate ports
- Internet browser access; Windows client and Java client provided; Java client works with most operating systems
- Graphical OSD and graphical toolbars for convenient, user friendly operation
- Supports all major server platforms and VT100 based serial devices
- Supports multiplatform server environments including PS/2, USB, Sun, and Serial
- RJ-45 connectors allow a full 16 port implementation – Cat 5e/6 cable reduces cable bulk
- Cascadable up to 2 levels\* – provides up to 64/128 computers
- Extends the distance between computers and switch – up to 40 m
- Up to 64 user accounts – up to 32 concurrent logins
- Panel Array Mode – view all 8 or 16 ports at the same time
- Message board feature allows logged in users to communicate with each other and allows a user to take exclusive control of the KVM functions
- Windows based Log Server
- Remote power control for attached Power Over the NET™ devices
- Three level security: multiadministrator; multiuser; multiviewer
- Advanced security features include password protection and advanced encryption technologies – 1024 bit RSA; 56 bit DES; 256 bit AES; and 128 bit SSL
- RADIUS server support
- Flash upgradeable firmware over the network connection
- Ports can be set to Exclusive, Occupy and Share
- Network Interfaces: TCP/IP, HTTP, HTTPS, UDP, RADIUS, DHCP, SSL, ARP, DNS, 10Base-T/100Base-TX, auto sense, Ping.
- Detachable front panel for easy access to front and rear of unit
- High video resolution: up to 1280 x 1024 @ 60Hz

\* Compatible KVM Switches: CS9134, CS9138, CS88A, KH1508, and KH1516.  
Some KVM Over the NET™ features may not be supported, depending on the functionality of the cascaded KVM switch.

### Specifications

Function			KN2108	KN2116
Computer Connections			8	16
Console	Local		1	
Connections	Remote		2	
Port Selection			OSD, Hotkey, Pushbutton	
Connectors	Console Ports	Keyboard	1 x 6-pin Mini-DIN Female (Purple)	
		Video	1 x HDB-15 Female (Blue)	
		Mouse	1 x 6-pin Mini-DIN Female (Green)	
	KVM Ports		8 x RJ-45 Female (Black)	16 x RJ-45 Female (Black)
	Power		1 x 3-prong AC Socket	
	LAN		1 x RJ-45 Female (Black)	
	PON		1 x DB-9 Male (Black)	
	Switches	Reset		1 x Semi-recessed Pushbutton
Power		1 x Rocker		
Port Selection		2 x Pushbutton		
LEDs	On Line		8 (Green)	16 (Green)
	Selected		8 (Orange)	16 (Orange)
	Power		1 (Blue)	
	Link		1 (Green)	
	10 / 100 Mbps		1 (Orange/Green)	
Emulation	Keyboard/Mouse		PS/2; USB(PC, Mac, Sun); Serial	
Video			1280 x 1024 @60Hz	
Scan Interval			1-255 Seconds	
I/P Rating			100-240 VAC; 50/60Hz; 1A	
Power Consumption			120V/12 W ; 230V/ 12W	
Environment	Operating Temp.		0- 40°C	
	Storage Temp.		-20- 60°C	
	Humidity		0-80% RH, Non-condensing	
Physical Properties	Housing		Metal	
	Weight		3.65 kg	3.70 kg
	Dimensions (L x W x H)		43.36 x 28.40 x 4.40 cm (19"/1U)	

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