KH1508A/KH1516A

8/16-port Cat 5 High-Density KVM Switch

ALTUSEN™
Enterprise Solutions by ATEN

The KH1508A and KH1516A KVM switches are control units that allow IT administrators to access and control multiple computers from a single PS/2 or USB KVM console (keyboard, monitor, and mouse). Operators can take control of up to 8 (KH1508A), or 16 (KH1516A), computers. By daisy chaining up to 31 additional switches, as many as 512 computers can be controlled from the original KVM console.

These switches have been designed with unique and powerful features that enable administrators to manage their entire server room and data center devices easily and conveniently.

For example, the advanced Adapter ID feature stores the Adapter Cable's configuration information – such as its ID, port name, OS, keyboard language, etc. This feature allows administrators to relocate servers to different ports without having to reconfigure the adapters . Other advances found with these switches includes enhanced video quality – extending the distance to the servers to up to 50 m* at a resolution of 1280 x 1024.

A KH1508A or KH1516A installation provides one of the best, and most economical, solutions ATEN offers to the SMB market. There is no better way to save time, space, and money than with a KH1508A or KH1516A KVM switch.

*With KVM Adapter Cable KA7000 series, please see page 3 for details.

KH1508A

KH1516A

FEATURES

- One KVM console control up to 8 or 16 directly connected computers
- Space-Saving RJ-45 connectors and Cat 5e/6 cabling
- By daisy chaining up to 31 additional KH1508A / KH1516A switches, as many as 512 computers can be controlled from the original KVM console
- Console conversion – any type of KVM console can control any type of computer; mixed combinations (PS/2&USB) supported on both the KVM console and computer sides
- Superior Video Quality- Supports the video resolutions up to 1600x1200@60Hz for up to 40 meters, and 1280x1024@75 Hz for up to 50 meters*
- Configue port access rights for users on a port - by - port basis
- Three port selection methods: Manual (via front panel pushbuttons), Hotkey, and multi-language OSD (On Screen Display)
- Multiplatform support – PC, Mac, Sun, and serial
- Multiple User Accounts -Supports up to 10 user and 1 administrator accounts
- Two-Level Password Security- Supports one administrator and ten user profiles.Password protection prevents unauthorized accessing to the installation
- Auto Scan mode enables continuous monitoring of user-selected computers
- Broadcast Mode sends commands from the console to all computers – allowing you to perform operations (such as software installation, upgrades, shutdowns, etc.), on them simultaneously
- Adapter ID
- Firmware Upgradeable

* With KVM Adapter Cable KA7000 series, please see page 3 for details.

Benefits

Easy Operation	Three port selection methods: Manual (via front panel pushbuttons), Hotkey, and multi-language OSD (On Screen Display). Multi-language keyboard support includes US English, UK English, French, German, Swiss German, Hungarian, Italian, Japanese, Korean, Russian, Spanish, Swedish and Traditional Chinese.
Auto Scanning and Broadcast Mode	Auto scanning provides hands-free monitoring of selected devices at variable rates. Broadcast Mode sends commands from the console to all computers – allowing you to perform operations (such as software installation, upgrades, shutdowns, etc.), on them simultaneously.
Superior Video Quality	Supports the video resolutions up to 1600x1200@60Hz for up to 40 meters, and 1280x1024@75Hz for up to 50 meters with the new ATEN KVM Cable Adapter KA7000 series.

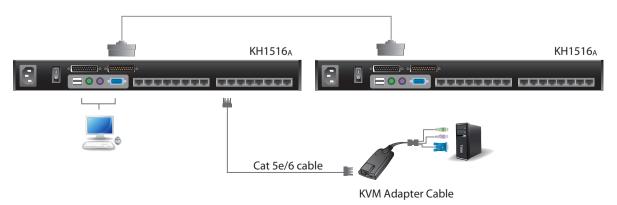| **Multiple User Accounts**	Supports up to 10 user and 1 administrator accounts.
Space-Saving RJ-45 Connectors and Cat 5e/6 Cabling	This space-saving innovation means that the KH1508A /KH1516A can be conveniently installed in a 1U system rack, and the installation can take advantage of the internal network wiring built into most modern commercial buildings. Reduces cable clutter for a neat and tidy data center environment
Adapter Cables with ID	The KH1508A / KH1516A KVM series supports automatic ID recognition of the new ATEN KVM Cable Adapter KA7000 series. Using the new adapter cables with ID means it is not required to change cable configuration settings when moving cables from port to port. Device ID and attributes are stored in the adapter cables allowing you to hot-swap port connections without having to reconfigure attributes.

The following KVM Adapter Cables are required for use with the KH1508A / KH1516A:

	KA7120/KA7520 KA9120/KA9520	KA7170/KA7570 KA9170/KA9570	KA7920	KA7970	KA9130/KA7130	KA9140
Type:	PS/2	USB	PS/2	USB	Sun Legacy	Serial
Interface:	6-pin Mini-DIN Male	USB Type A Male	6-pin Mini-DIN Male	USB Type A Male	13W3 Male	RS-232 DB-9 Female
	6-pin Mini-DIN Male	HDB-15 Male	6-pin Mini-DIN Male	HDB-15 Male	DIN 8 pin Male	
	HDB-15 Male		HDB-15 Male			

KH1516A

KH1516A

Cat 5e/6 cable

KVM Adapter Cable

Specification

Function			KH1508A	KH1516A
Computer Connections	Direct		8	16
	Max		256 (via Daisy Chain)	512 (via Daisy Chain)
Port Selection			OSD (On Screen Display); Hotkeys, Pushbuttons	
Connectors	Console Ports	Keyboard	1 x 6-pin Mini-DIN Female (Purple); 1 x USB Type A Female (White)	
		Video	1 x HDB-15 Female (Blue)	
		Mouse	1 x 6-pin Mini-DIN Female (Green); 1 x USB Type A Female (White)	
	KVM Ports		8 x RJ-45 Female	16 x RJ-45 Female
	Daisy Chain	In	1 x DB-25 Female (Black)	
		Out	1 x DB-25 Male (Black)	
	FW Upgrade		1 x RJ-11 Female (Black)	
	Power		1 x 3-prong AC socket	
Switches	Port Selection		8 x Pushbutton	16 x Pushbutton
	KVM Reset		1 x Semi-recessed pushbutton	
	F/W Upgrade		1 x Slide	
	Power		1 x Rocker	
LEDs	Port	On Line	8 (Green)	16 (Green)
		Selected	8 (Orange)	16 (Orange)
	Power		1 (Blue)	
	Station ID		1 x 2 Digit 7-segment (Orange)	
Emulation	Keyboard		PS/2; USB	
	Mouse		PS/2; USB	
Scan Interval			1-255 seconds	
Video			1600 x 1200 @ 60 Hz (40m); 1280 x 1024 @ 75 Hz (50m)*;	
I/P Rating			100-240 V AC; 50/60 Hz; 1A	
Power Consumption			120V/5.8W; 230V/6W	120V/5.9W; 230V/6.1W
Environment	Operating Temp.		0-40° C	
	Storage Temp.		-20-60° C	
	Humidity		0-80% RH; Non–condensing	
Physical Properties	Housing		Metal	
	Weight		2.74 kg	2.77 kg
	Dimensions (L x W x H)		43.30 x 16.00 x 4.40 cm	

* With KVM Adapter Cable KA7000 series, please see page 3 for details.

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