



## 8 Port CAT5 KVM Switch KH1508

The KH1508 is a KVM that allows access to eight directly connected computers, and through a daisy chain connection, an additional 31 KVMs to control a total of 256 computers from a single console (mouse, keyboard, and monitor).

For a clean and simple high density cable management solution, the KH1508 uses an RJ45 connection on the KVM side and Cat 5 cable to connect to an adapter that, in turn, connects to the servers. Adapters are available for connecting to PS2, USB (PC and MAC), Sun USB, Legacy Sun, and Serial Devices [refer to the Accessories list for model numbers]. The KVM / adapter arrangement intercepts and interprets mouse and keyboard signals, thereby eliminating the need to install any software on your servers, this also allows the KH1508 to work with practically any operating system in any type of mixed server environment. Auto Signal Compensation (ASC) provides video resolutions of 1280 x 1024@ 60Hz up to 130 feet (40 meters), and for resolution of 1600 x 1200@ 60Hz up to 100 feet (30 meters).

Port selection is accomplished:

- By manually depressing a switch
- With hot keys
- With an On Screen Display (OSD) in which each server can be uniquely identified.

A built in Auto sensing feature eliminates the need to set identifier Dip Switches on any of the Daisy Chained KVMs, and an LED automatically indicates the selected station

Distributor Part NO. : Contact Aten for part number @ 949.428.1111

### I Features:

- A single console controls up to 8 directly connected servers
- Daisy chain up to 31 additional units - control up to 256 computers from a single console
- No software required - convenient computer selection via Hotkeys and intuitive OSD menus
- Auto Scan feature for monitoring user-selectable servers
- Hot Pluggable - add or remove computers without having to power down the switch
- Custom ASIC (patent pending) for increased reliability and enhanced performance
- Auto-sensing of station's position on daisy chained installations - no need for manual DIP Switch setting - front panel LED indicates station's position
- Port names automatically reconfigured when station sequence is changed
- Two level password security in the OSD allows an Administrator to assign server access on a port-by-port basis for a maximum of four users
- Two level logout - manual and timed

- PS/2 keyboard and mouse emulation - computers boot even when the console focus is elsewhere
- Supports PS/2 compatible\* mice
- Supports resolutions of up to 1600 x 1200
- Upgradeable firmware
- Rack mountable in 19" system rack (1U)

\* PS/2 compatible mouse is defined as a 3 button wheel mouse. Programmed or special key functions are not supported.

## Requirements:

At console side:

- A VGA, SVGA, or Multi-sync monitor
- A PS/2 mouse
- A PS/2 keyboard

At Computer side:

- A VGA, SVGA or Multi-sync video output port
- CAT5, CAT5e or CAT6 cable - Connecting KH1508 to each of computer adapters
- KA9520 - Connecting from KH1508 to PS/2 computers
- KA9570 - Connecting from KH1508 to USB computers
- KA9130 - Connecting from KH1508 to legacy Sun computers
- KA9131 - Connecting from KH1508 to USB Sun computers
- KA9140 - Connecting from KH1508 to Serial computers

## Package Content:

- 1 x KH1508 KVM Switch
- 1 x firmware upgrade cable
- 1 x 3 prong AC power cord
- 1 x rack mounting kit
- 1 x user manual

## Specification :

Video Resolution	1600x1200@ 60Hz(100 ft), 1280 x1024@ 60 Hz ( 130 ft)
Housing	
Case	Metal
Console Connectors	
Mouse	1 x 6 pin mini-DZN F
Keyboard	1 x 6 pin mini-DZN F
Monitor	1 x VGA (HDDB-15) Female
Flash ROM Upgrade	RJ11
Power	
Voltage	AC 100~ 240 V Auto Sensing

Amps	1 amp
Power Consumption	25 W : 85 BTU/h
LEDs	
Power On	1 (Blue)
Selected	8 (Red)
On Line	8 (Green)
Station ID	2 x 7 Segments
Port Selection	Hotkeys ; OSD (On Screen Display); Push Button
Scan Interval	User Specified: 1 - 255 secs.
Emulation	
Keyboard	PS/2
Mouse	PS/2
Computer Connections	
Direct	8
Daisy Chain or Cascading	256
Operating Temperature	32F~122F (0C~50C)
Storage Temperature	-4F~140F (-20C~60C)
Humidity	0 - 80% RH, Non-condensing
Daisy Chain	1 x DB-25M ; 1 x DB-25F
CPU Connectors	
Keyboard, Mouse, and Monitor	8 x RJ-45 for Cat-5 cable
Security	2-level password security
Connectors	
Power	1 x 3-prong AC socket
Switches	
Power	1 x Rocker
Reset	1 x semi-recessed pushbutton
Unit Dimensions	
Width	6.3 in. (16.1 cm)
Height	1.7 in. (4.4 cm)
Length	17.2 in. (43.7 cm)
Unit Package Dimensions	
Width	4.6 in. (11.8 cm)
Height	9.3 in. (23.5 cm)
Length	21.7 in. (55 cm)
Master Carton	
Width	10.2 in. (25.8 cm)
Height	15 in. (38.3 cm)
Depth	22.5 in. (57.0 cm)
Master Carton Qty.	3
Weight	
Master Carton Wt.	21 lb. (9.5 kg)
Unit Pack Wt.	6 lb. (2.7 kg)