



16 Port CAT5 KVM Switch KH1516

The KH1516 is a KVM that allows access to sixteen directly connected computers, and through a daisy chain connection, an additional 31 KVMs to control a total of 512 computers from a single console (mouse, keyboard, and monitor).

For a clean and simple high density cable management solution, the KH1516 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. The KVM / adapter arrangement intercepts and interprets mouse and keyboard signals, thereby eliminating the need to install any software on your servers, and giving the KH1516 the ability to work with practically any operating system in any type of 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

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

Features:

- A single console controls up to 16 directly connected servers
- Daisy chain up to 31 additional units - control up to 512 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 Å key functions are not supported.

Requirements:

At console side:

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

At Computer side:

- A VGA, SVGA or Multisync video output port
- CAT5, CAT5e or CAT6 cable - Connecting KH1516 to each of computer adapters
- KA9520 - Connecting from KH1516 to PS/2 computers
- KA9570 - Connecting from KH1516 to USB computers
- KA9130 - Connecting from KH1516 to legacy Sun computers
- KA9131 - Connecting from KH1516 to USB Sun computers
- KA9140- Connecting from KH1516 to Serial computers

Package Content:

- 1 x KH1516 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)
Scan Interval	User Specified: 1 - 255 secs.
Emulation	
Keyboard	PS/2
Mouse	PS/2
Computer Connections	
Direct	16
Daisy Chain or Cascading	512
LEDs	

On Line	16 (Green)
Station ID	2 x 7 Segments
Power On	1 (Blue)
Selected	16 (Red)
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	16 x RJ-45 for Cat-5 cable
Security	2-level password security
Console Connectors	
Flash ROM Upgrade	RJ11
Mouse	1 x 6 pin mini-DZN F
Keyboard	1 x 6 pin mini-DZN F
Monitor	1 x VGA (HDDB-15) Female
Connectors	
Power	1 x 3-prong AC socket
Switches	
Power	1 x Rocker
Reset	1 x semi-recessed pushbutton
Housing	
Case	Metal
Port Selection	Hotkeys ; OSD (On Screen Display); Push Button
Power	
Voltage	AC 100~ 240 V Auto Sensing
Amps	1 amp
Power Consumption	27 W : 92 BTU/h
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)