

KH2508A

2-Console 8-Port Multi-Interface (DisplayPort, HDMI, DVI, VGA) Cat 5 KVM Switch



The KH2508A KVM switch is a control unit that allows IT administrators to access and control multiple computers from two PS/2 or USB KVM consoles (two bus). Operators working at up to two consoles can independently and simultaneously take control of up to 8 computers. By daisy chaining up to 15 additional switches, as many as 128 computers can be controlled from the original KVM consoles

This switch has 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. Another advantage found in these switches is Full HD video quality – extending the distance to the servers to up to 30 m at a resolution of 1920 x 1200 *.

In addition, the switches are compatible with ATEN KVM adapter cable. This allows flexible interface combinations (PS/2, USB with VGA, DVI, HDMI and DisplayPort video interface, Sun and serial) to control all computer types

A KH2508A 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 KH2508A KVM switch.

Note:

*The video quality of KH2508A has been enhanced to Full HD. To distinguish between the non-FHD and FHD versions, please refer to below link: EHD & Non-FHD Comparison Photo *The KH2508A does not support virtual media even when paired with a virtual media-enabled KVM adapter.

Features

- Two KVM consoles independently and simultaneously control up to 8 directly connected computers
- By daisy chaining up to 15 additional KH2508A switches, as many as 128 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
- Hz for up to 40 meters, and 1280 x 1024 @75Hz for up to 50 meters* 60Hz for up to 30 meters, 1600 x 1200 @
- OSD Backup/Restore feature enables the administrator to back up the switch's configuration and user profile information
- Configure port access rights for users on a port by port basis Diversified port operation mode enables flexible computer management Occupy, Exclusive and share modes •
- Three port selection methods: Manual (via front panel pushbuttons), Hotkey, and multi-language OSD (On Screen Display)
- Multiplatform support Windows, Linux, Mac and Sun
- Compatible with ATEN KVM adapter cables allows flexible interface combinations (PS/2, USB with VGA, DVI, HDMI and DisplayPort video interface. Sun and serial) to control all computer . types
- 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

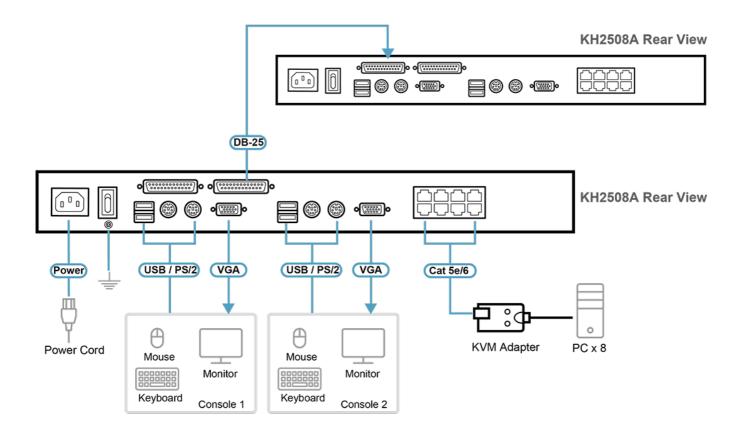
Specifications

Computer Connections	
Direct	8
Maximum	128 (via Daisy-chain)
Port Selection	OSD, Hotkey, Pushbutton
Connectors	



Consis Ports 4 : UB Type A remain (Pare) Private Consisting Constraints (Pare) 2: VIDP 1 Formate (Pare) Finance Uppare 8 : RA-A Formate (Pare) Dissi Culti Pura 8 : RA-A Formate (Pare) Finance Uppare 1 : RO-S Formate (Rack) Finance Uppare) 1 : RO-S Formate (Rack)	[]		
bisy Oran Parts 1 × DB 25 Pensia (Biak) Finance Ugrade 1 × DB 25 Pensia (Biak) Finance Ugrade 1 × DB 25 Decisi (Biak) Prover 1 × DB 25 Decisi (Biak) Finance Ugrade 1 × DB 25 Decisi (Biak) Statue 2 Prover 1 × DB 25 Decisi (Biak) Statue 2 Prover 1 × DB 25 Decisi (Biak) Statue 2 Prover 1 × DB 25 Decisi (Biak) Prover Decision 1 × DB 25 Decisi (Biak) Prover 1 × DB 25 Decisi (Biak) Prover 1 × DB 25 Decisi (Biak) Prover 1 × DB 26 Decisi (Biak) Prover 2 (Comps) Prover 2 (Comps) Prover 1 × DB 26 Decisi (Biak) Statue 1 × DB 26 Deccccccccccccccccccccccc	Console Ports	2 x 6-pin Mini-DIN Female (Purple) 2 x 6-pin Mini-DIN Female (Green)	
I. D825 Mail 1. 12 B23 Mail Finneare Ugrade 1. RE. 11 Fanale Parver 0. 18 E. 0.00300 (14 Stackson 2. Realbaulua Pars Seatsian 8. Realbaulua Casale Seatsian 8. Realbaulua Test Seatsian 1. Stars- reassed Publishtern Finance Ugrade 1. Stars- reassed Publishtern Finande Ugrad Publishtern 1. Stars- reassed Publi	KVM Ports	8 x RJ-45 Female	
Pere 1 x IEC 00320014 Selection 8 x Purbuicon Por Selection 8 x Purbuicon Conole Selection 2 x Purbuicon Prese 1 x Seni-secses Purbluiction Firmware Upgrade 1 x Seni-secses Purbluiction Preser 1 x Seni-secses Purbluiction Preser 1 x Boles Preser 1 x Rober Console 4 (Orange) Console 4 (Orange) Console 1 x Seni-secses Purbluiction Preser 6 (Orange) Selection 4 (Orange) Console 1 x Seni-secses Purble (Orange) Environment 1 x Seconds Selection 1 x Seconds	Daisy Chain Ports		
Notes Port Selection 8 x Purbuiltion Concole Selection 2 x Purbuiltion Resel 1 x Semi recossed Purbuiltion Firmware Upgrade 1 x Selection Prover 1 x Selection Concole Selection 1 x Selection Prover 1 x Selection Concole Selection 1 x Selection Concole Selection 1 x Selection Concole Selection 8 (Green) Selection 8 (Green) Concole Selection 8 (Green) Selection 8 (Green) Concole 9 (Green) Selection 8 (Green) Concole 9 (Green) Station Torrent 1 (Bluen) Station Torrent 1 (Bluen) Station Torrent 1 - 255 Seconds Video 1 - 255 Seconds Video 1 - 255 Seconds Video 1 - 255 Seconds Nation Input Power Rating 0 - 240 (AS, 5900 Hz; 1 A Power Consumption A - 250 Seconds Nation Seconderseling - 260 rel <td>Firmware Upgrade</td> <td>1 x RJ-11 Female</td>	Firmware Upgrade	1 x RJ-11 Female	
Port Selection 8 x Pushbutton Concole Soluction 2 x Pushbutton Read 1 x Seni-recessed Pushbutton Firmware Upgrado 1 x Slide Power 1 x Dockar Concole Soluction 8 (Green) Obline 8 (Green) Selected 8 (Green) Concole 8 (Green) Selected 8 (Green) Concole 8 (Green) Concole 8 (Green) Selected 8 (Green) Concole 8 (Green) Selected 1 (Blue) Staton ID 1 x 7-segment LED display (Orange) Environment 1 - 255 Seconds Video 1 + 260 min;	Power	1 x IEC 60320/C14	
Console Selection 2 × Pushbutton Resel 1 × Stork-recessed Pushbutton Firmware Upgrade 1 × Stock Power 1 × Bocker Console Selection 1 × Bocker Differ 8 (Green) Selection 1 × Segment LED display (Orange) Enviruation 1 × Segment LED display (Orange) Februard / Mousa PS2: USB Selection 1 × Segment LED display (Orange) Video 1 × Segment LED display (Orange) Selection 1 × Segment LED display (Orange) <t< td=""><td colspan="3">Switches</td></t<>	Switches		
Reat 1 x Semi-accessed Pushbuton Firmwaro Uggrado 1 x Sido Power 1 x Roker Deline 1 x Roker Deline 8 (Green) Seledd 8 (Orange) Console 8 (Orange) Console 1 (Buay Selend N 1 x A argement EED display (Orange) Emulation 1 x A argement EED display (Orange) Finalescone 9 20 USB Selend NO 1 2600 Seconds Yodeo 1 2000 Seconds Video 1 2000 Seconds Yodeo 1 2000 Seconds Yodeo X (Yodeo X (Yodeo Y (Yodeo Y)); 1 200 X (Yodeo Y (Yodeo Y); 1 200 X (Yodeo Y	Port Selection	8 x Pushbutton	
Firmware Upgnade 1 x Side Power 1 x Rocker LEDs 6 (Groun) Orlino 8 (Groun) Selected 8 (Groun) Selected 8 (Groun) Console 8 (Groun) Demote 8 (Groun) Console 8 (Groun) Selected 8 (Groun) Demote 1 (Bule) Station ID 1 x Segment LED display (Orange) Environmental FS2: USB Scan Interval 9 S2: USB Scan Interval 1 280 x 1200; 66 0Hz (30 m); 1200	Console Selection	2 x Pushbutton	
Power 1 k Roker LEDs I k Roker Online 8 (Green) Selected 9 (Orange) Console 2 (Orange) Power 1 (Blue) Station ID 1 x 7 acgment LED display (Orange) Emulation 1 x 7 acgment LED display (Orange) Emulation 1 x 7 acgment LED display (Orange) Scan Interval 1 255 Seconds Yelse 1 920 x 1200 @ 60 Hz (30 m); 1800 x 1200 & 60 Hz (30 mz); 1800 x 1200 & 60 Hz (30 mz); 1800 x 1200 & 60 Hz (30 m	Reset	1 x Semi-recessed Pushbutton	
LEBs Doline 8 (Green) Selected 8 (Green) Console 2 (Orange) Console 2 (Orange) Power 1 (Buo) Station ID 1 x 7 segment LED display (Orange) Emulation Pose: USB Station ID 1 255 Seconds Station ID 1 255 Seconds Station ID 1 255 Seconds Video 1980 x 1200 @60 Hz (30 m); 1500 x 1200 @60 Hz (30 m); 1200 x 1200	Firmware Upgrade	1 x Slide	
Online 8 (Green) Selected 8 (Orange) Console 2 (Orange) Power 1 (Blue) Station ID 1 x 7-segment LED display (Orange) Emulation Foregree Kayboard / Mouse PS2: USB Scan Interval 1-255 Seconds Video 1285 V100 @ 60 Hz (40 m); 1280 x 1020 @ 60 Hz (40 m); 1280 x 1020 @ 60 Hz (40 m); 1280 x 1024 @ 75 Hz (50 m) Maximum Input Power Rating 0-cet VAC; 50:60 Hz; 1A Power Consumption Act10VA3.SW73FTU/h Ac220VS.SW SIBTUIN Note: The measurement in Watts indicates the typical power consumption of the device with n e sternal loading: The measurement in Watts indicates the typical power consumption of the device with n e sternal loading: The measurement in Watts indicates the typical power consumption of the device with n e sternal loading: The measurement in Watts indicates the typical power consumption of the device with n e sternal loading: The measurement in Watts indicates the typical power consumption of the device with n e sternal loading: The measurement in Watts indicates the typical power consumption of the device with n e sternal loading: The measurement in Watts indicates the typical power consumption of the device with n e sternal loading: The measurement in Watts indicates the typical power consumption of the device with n e sternal loading: The measurement in Watts indicates the typical power consumption of the device with n e sternal loading: The measurement in BTUh indicates the typical power consumption of the device withen t is fully loaded.	Power	1 x Rocker	
Selected 8 (Orange) Console 2 (Orange) Console 2 (Orange) Power 1 (Blue) Station ID 1 x 7-segment LED display (Orange) Emulation	LEDs		
Console 2 (Orange) Power 1 (Bue) Station ID 1 x z-segment LED display (Orange) Emulation	Online	8 (Green)	
Power 1 (Blue) Station ID 1 x 7-segment LED display (Orange) Emulation Interval Keyboard / Mouse PS/2; USB Scan Interval 1-255 Seconds Video 1920 x 1200 @ 60 Hz (30 m); 1200 x 1200 @ 50 Hz (40 m); 1200 x 1200 @ 50 Hz (50 m) Maximum Input Power Rating 0-240 VAC; 50 (60 Hz; 1A Power Consumption AC110V.8 SW:578 TU/h AC220V3.3W:61 BTU/h AC220V3.3W:61 BTU/h AC220V3.	Selected	8 (Orange)	
Station ID 1 x 7-segment LED display (Orange) Emulation Keyboard / Mouse PS/2; USB Scan Interval 1-255 Seconds Video 1/250 x 1200 @ 60 Hz (30 m); 1600 x 1200 @ 60 Hz (40 m); 1280 x 1224 @ 75 Hz (50 m) Maximum Input Power Rating 100-240 VAC; 50/60 Hz; 1A Power Consumption AC110V 8.5W 57BTU/n AC220V-93W 57BTU/n AC220V 57BTU/n AC220V 57BTU/n AC220V 57BTU/n AC220V 57BTU/n AC220V 57BTU/n AC220V 57BTU/n AC220V 57BTU/n AC220V 57BTU/	Console	2 (Orange)	
Emulation Keyboard / Mouse PS/2; USB Scan Interval 1-255 Seconds Video 1:200 @ 60 Hz (30 m); 1800 x 1200 @ 60 Hz (40 m); 1800 x 1200 @ 60 Hz (40 m); 1800 x 1024 @ 75 Hz (50 m) Maximum Input Power Rating 100-240 VAC; 5060 Hz; 1A Power Consumption AC110V4 5.5V:578TU/h Ac220V-9.3W:61BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in Watts indicates the power consumption of the device with no external loading. Environmental Operating Temperature 0-50°C Storage Temperature -20-60°C Humidity 0-80% RH, Non-condensing Physical Properties Metal Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Power	1 (Blue)	
Keyboard / Mouse PS/2; USB Scan Interval 1-255 Seconds Video 1920 × 1200 @ 60 Hz (30 m); 1600 × 1200 @ 60 Hz (40 m); 1280 × 1024 @ 75 Hz (50 m) Maximum Input Power Rating 100-240 VAC; 50/60 Hz; 1A Power Consumption AC110V.8.5VF3FU/h AC200V.9.3Wr.61BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the typical power consumption of the device with no external loading. Environmental 0-50°C Storage Temperature 0-50°C Hunidity 0-80% RH, Non-condensing Physical Properties Metal Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Station ID	1 x 7-segment LED display (Orange)	
Scan Interval 1-255 Seconds Video 1920 x 1200 @ 60 Hz (40 m); 1280 x 1024 @ 75 Hz (50 m) Maximum Input Power Rating 100-240 VAC; 50/60 Hz; 1A Power Consumption AC110V:8.5W:57BTU/h AC220V:9.3W:61BTU/h AC220V:9.3W:6	Emulation		
Video 1920 x 1200 @ 60 Hz (30 m); 1600 x 1200 @ 50 Hz (40 m); 1280 x 1024 @ 75 Hz (50 m) Maximum Input Power Rating 100-240 VAC; 50/60 Hz; 1A Power Consumption ACI10V:8.5W/57BTU/h AC220V:9.3W/61BTU/h AC220V:9.3W/61BTU/h AC220V:9.3W/61BTU/h AC220V:9.3W/61BTU/h AC220V:9.3W/61BTU/h AC220V:9.3W/61BTU/h Note: - The measurement in Watts indicates the typical power consumption of the device with no external loading. - The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental	Keyboard / Mouse	PS/2; USB	
1600 x 1200 @ 60 Hz (40 m); 1280 x 1024 @ 75 Hz (50 m)Maximum Input Power Rating100-240 VAC; 50/60 Hz; 1APower ConsumptionAC110V:8.5W:57BTU/h AC220V:9.3W:61BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.Environmental0.50°COperating Temperature0.50°CStorage Temperature-20-60°CHumidity0.80% RH, Non-condensingPhysical PropertiesHousingMetalWeight2.81 kg (6.19 lb)Dimensions (L x W x H)43.72 x 15.58 x 4.40 cm (1.21 x 6.13 x 1.73 in.)	Scan Interval	1-255 Seconds	
Power Consumption AC110V:8.5W:57BTU/h AC220V:9.3W:61BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental 0-50°C Storage Temperature 0-50°C Storage Temperature -20-60°C Humidity 0-80% RH, Non-condensing Physical Properties Metal Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (1.721 x 6.13 x 1.73 in.)	Video	1600 x 1200 @ 60 Hz (40 m);	
AC220V:9.3W:61BTU/h Note: • The measurement in Watts indicates the typical power consumption of the device with no external loading. • The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental Operating Temperature 0-50°C Storage Temperature -20-60°C Humidity 0-80% RH, Non-condensing Physical Properties - Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Maximum Input Power Rating	100–240 VAC; 50/60 Hz; 1A	
• The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. Environmental Operating Temperature 0-50°C Storage Temperature -20-60°C Humidity 0-80% RH, Non-condensing Physical Properties - Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Power Consumption	AC220V:9.3W:61BTU/h Note:	
Operating Temperature 0-50°C Storage Temperature -20-60°C Humidity 0-80% RH, Non-condensing Physical Properties Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)		 The measurement in Watts indicates the typical power consumption of the device with no external loading. The measurement in BTU/h indicates the power consumption of the device when it is fully loaded. 	
Storage Temperature -20-60°C Humidity 0-80% RH, Non-condensing Physical Properties Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Environmental		
Humidity 0-80% RH, Non-condensing Physical Properties Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Operating Temperature	0-50°C	
Physical Properties Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Storage Temperature	-20-60°C	
Housing Metal Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Humidity	0-80% RH, Non-condensing	
Weight 2.81 kg (6.19 lb) Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Physical Properties		
Dimensions (L x W x H) 43.72 x 15.58 x 4.40 cm (17.21 x 6.13 x 1.73 in.)	Housing	Metal	
(17.21 x 6.13 x 1.73 in.)	Weight	2.81 kg (6.19 lb)	
Note For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	Dimensions (L x W x H)		
	Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.	





ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan Phone: 886-2-8692-6789 Fax: 886-2-8692-6767 www.aten.com E-mail: marketing@aten.com



 Copyright 2015 ATEN® International Co., Ltd. ATEN and the ATEN logo are trademarks of ATEN International Co., Ltd. All rights reserved. All other trademarks are the property of their respective owners.