KA7240S

PS/2-USB Virtual Media Console Module

The KA7240S Console Module offers secure access to the servers in a Matrix KVM Switch (KM0932/KM0532) from a PS/2 or USB console (monitor, keyboard, and mouse) up to 200 meters away. It provides an extra computer port for integration with a computer workstation, enabling users to seamlessly switch between the local computer and the servers in the Matrix KVM Switch. The KA7240S also features an intuitive graphical user interface, the Graphical OSD, with easy-to-use menus and icons that enable easy access and efficient management.

KA7240S has a built-in RS-232 port. Administrators can establish a serial terminal login to the Console Module in order to control the KVM port access for all consoles connected to switch – any console can be assigned to access any KVM port from a single interface point. This function is extremely useful in large data centers where the display of all the consoles can be projected onto a wall for easy viewing of all operations, and the entire installation can be monitored on a port-by-port basis.

In addition, the KA7240S features an automatic skew compensation function, which corrects color phase and timing errors that occur over long distance transmissions.

Features

- One Combo Graphic Console Module can control a local computer and a matrix KVM switch (KM0932/KM0532)
- USB Virtual Media Support
- Audio enabled
- Enhanced video quality via automatic skew compensation support
- Supports PS/2 and USB keyboards and mice (Console)
- Switch between your workstation computer and the matrix KVM switch
- Graphical OSD-intuitive, easy-to-use graphical On Screen Display to manage servers
- RS-232 port login support permits an administrator to control the KVM port access for all consoles connected to switch – any console can be assigned to access any KVM port from a single interface point
- Connects to matrix KVM switch via Cat 5e/6 cable
- Superior Video Quality – 1920 x 1200 @ 60 Hz up to 150 meters; 1280 x 1024 @ 60 Hz up to 200 meters
- Manual video gain control for fine tuning
- Convenient computer selection via intuitive hotkey combinations or graphical OSD menus
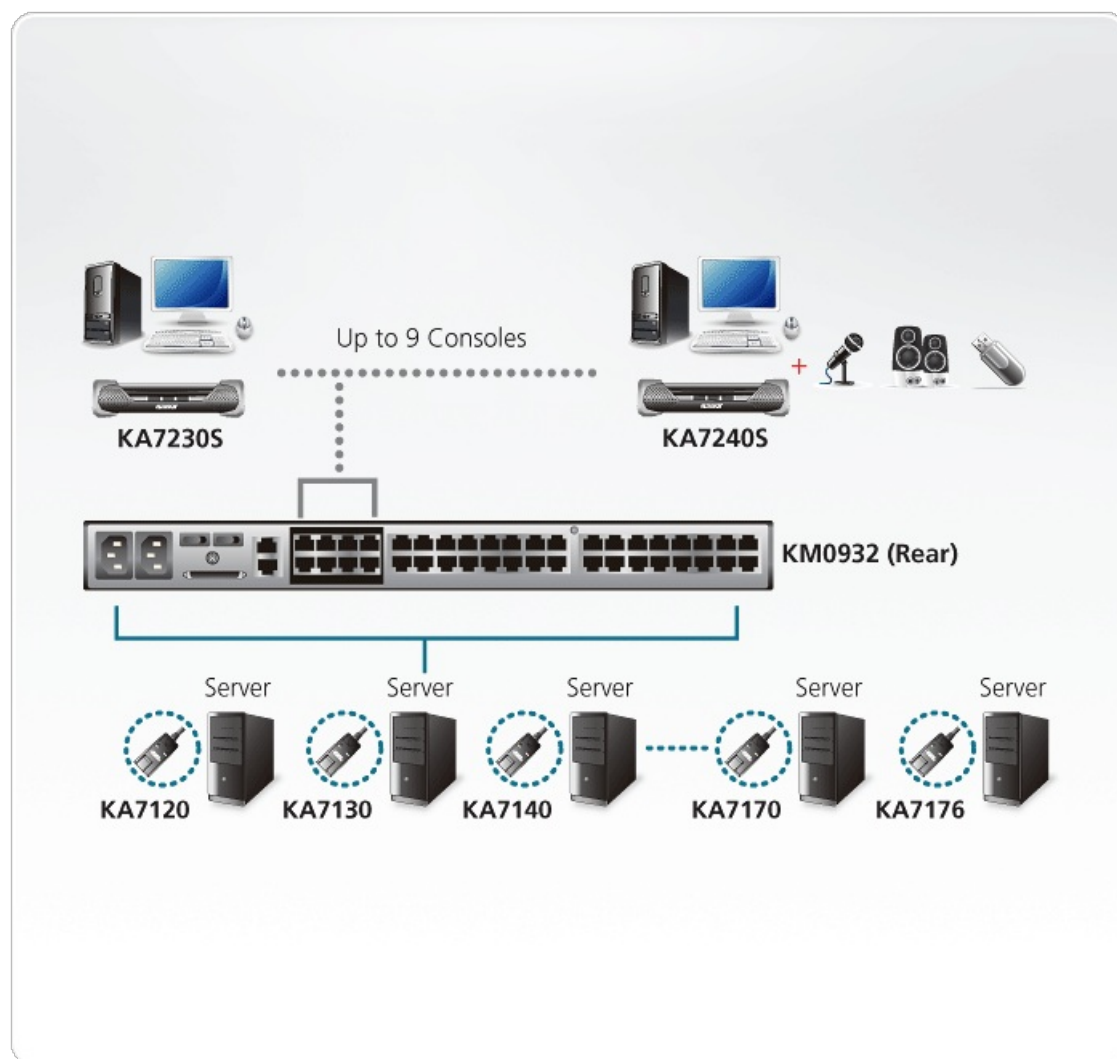- Firmware upgradeable

Specifications

Computer Connections	1
Console Connections	1
Port Selection	GUI, Hotkey
Connectors	

Console Ports	2 x USB Type A Female (White) 1 x 6-pin Mini-DIN Female (Purple) 1 x 6-pin Mini-DIN Female (Green) 1 x HDB-15 Female (Blue)
Local Computer KVM Port	1 x SPHD-17 Female (Yellow)
Virtual Media	1 x USB Type A Female (White)
KVM Switch Ports	2 x RJ-45 Female
RS-232	1 x DB-9 Male (Black)
Audio	2 x Mini Stereo Jack Female (Green) 2 x Mini Stereo Jack Female (Pink)
Power	1 x DC Jack
Switches	
Firmware Upgrade	1 x Slide
Video Gain Adjustment	2 x Pushbutton
Selection	1 x Pushbutton (Local/Remote)
LEDs	
Power	1 (Blue)
Online	1 (Green)
Local	1 (Orange)
Remote	1 (Orange)
Emulation	
Keyboard / Mouse	PS/2; USB (PC, Sun, Mac)
Video	1920x1200@60Hz (150 m); 1280x1024@60Hz (200 m);
Scan Interval	1-240 Seconds
Power Consumption	DC5.3V:6.12W:48BTU/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	1.26 kg (2.78 lb)
Dimensions (L x W x H)	22.71 x 17.15 x 5.48 cm (8.94 x 6.75 x 2.16 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram