

Rack Mount KVM Local / Remote Access over IP --- KVM5100 Series

- **Control up to 8 / 16 / 32 computers**
- **Support servers with VGA/DVI/HDMI port**
- **Adaptive 10 / 100 / 1000 Mbps network**
- **BIOS-level access**
- **Full screen or scalable video display**
- **Support AES / DES / 3DES encryption**
- **Support strong password**
- **Support firmware upgrade**



The Ascent's KVM5100 rack mount KVM over IP Switch is a control unit that allows secure access to 8/16/32 computers from a single KVM console.

The KVM5100 features IP-based connectivity that allows local and remote operators to monitor and access the computers. With TCP/IP communications protocol, the KVM5100 can be accessed from any computer on the LAN, WAN or Internet.

It's easy to set up the KVM5100, just plug the cable into the appropriate port, no software needed, no complicated installation procedures, and no compatibility issues.

Connect computers with compact RJ-45 connectors and Cat 5e/6 cable, transmitting distance is up to 100m.

Key Features

Hardware Features

- Rack-mountable in 1U system rack

Local Console

- Control up to 8 / 16 / 32 computers
- Support 1 local user and 1 remote user, port share mode allows local and remote users to gain access to a server simultaneously
- Easy-to-use switching by browser-based UI interface, hotkeys and pushbuttons
- Support servers with VGA/DVI/HDMI/DP port
- Multiplatform client support (Windows, Linux, Unix, Mac, Solaris (Sun), Redhat, Ubuntu)
- Local Console, Browser, and AP GUIs offer a unified Multilanguage interface
- Support mouse synchronization mode--automatically synchronizes the local and remote mouse movements
- Video synchronization with local console - EDID information for local console display can be stored in the host module for video resolution optimization
- Keyboard and mouse emulation to ensure the normal booting
- Broadcast mode--operations simultaneously performed on all selected computers
- Auto scan feature for monitoring user-selected computer
- Hot pluggable--add or remove computers without having to power down the switch

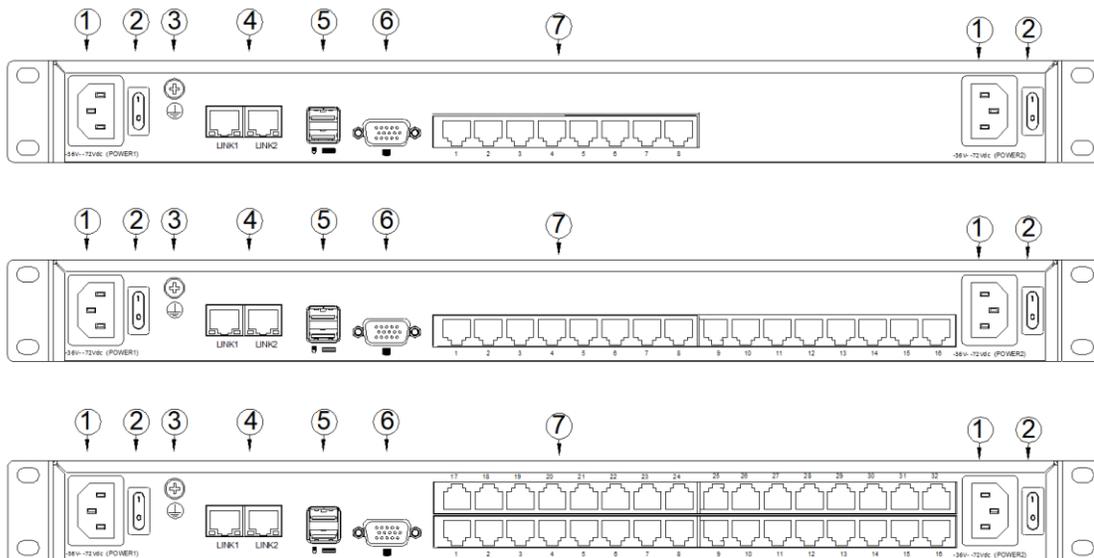
Remote Console

- Adaptive 10 / 100 / 1000 Mbps network
- WEB browser-based Or KVM_Clients remote management BIOS-level access
- BIOS-level access
- Video quality and video tolerance can be adjusted to optimize data transfer speed, data transfer speed is up to 60 FPS
- Full screen or scalable video display
- Remote users and local users can control the same server/computer synchronously
- Support AES / DES / 3DES encryption
- Support audit function--allows the administrator to audit the device through the system log and operation log
- Exit Macros support
- Configurable user and group permissions for server access and control
- Support strong password
- Support firmware upgrade

Mechanical Dimension

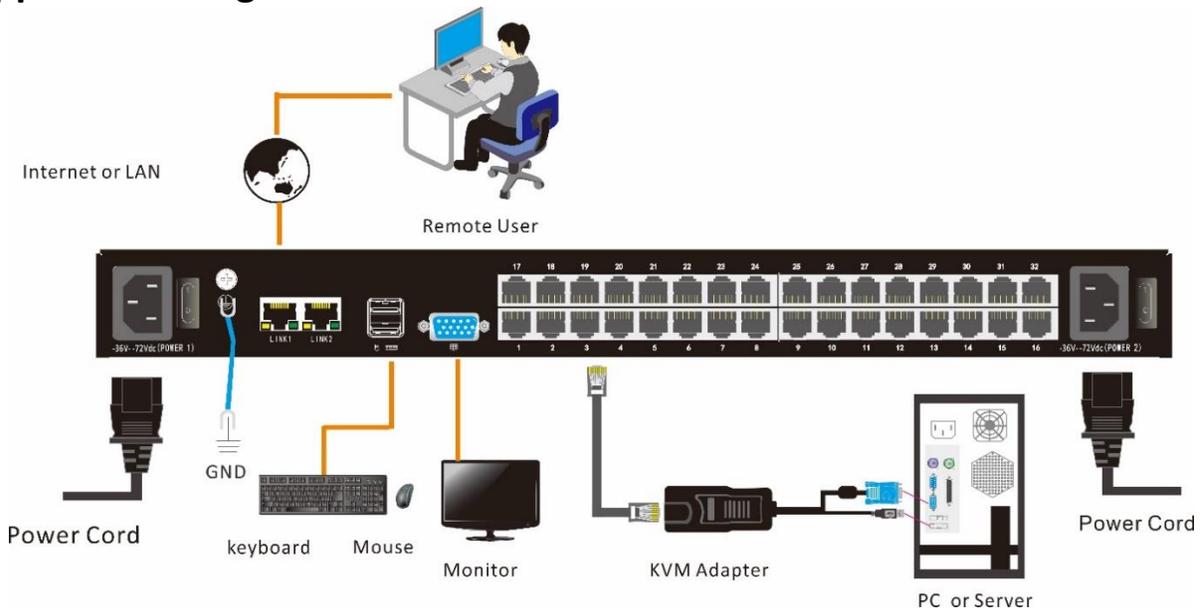


Connector



- | | |
|---------------------------|------------------------|
| 1 Power input(DC) | 5 USB Port |
| 2 Power Switch | 6 Console Monitor Port |
| 3 Ground Connection Screw | 7 Host Port |
| 4 LAN port | |

Application Diagram



Note:

The product supports console router and switch. The KVM adapter in the diagram is the console connection adapter which allows user to configure switches and routers using the CLI.

Specifications

Model	KVM5108I	KVM5116I	KVM5132I
Computer Connections	8	16	32
Port Selection	8	16	32
Port Selection	Pushbutton, UI , Web ,Hotkey		
Connector	Console	Keyboard	2 x USB TYPE A
		Mouse	1-HDB-15 Female (blue)
		Monitor	8
	KVM Port (RJ-45)		16
	Upgrading Switch		32
	Power		1x RJ11 Female
Switch	Port Selection		3-Prong AC socket
	Reset		8
	Upgrading Switch		16
	Power		32
LCD Monitor	Online		1 x touch-button
	Selected		1 x toggle switch
	Power		1 x rocker switch
Remote	Cascade Display		8 (green)
	Remote Control		16 (green)
	Management Way		32 (green)
	Security		8 (orange)
	Resolution		16 (orange)
			32 (orange)
			1 (blue)
			2*7 - Segment (orange)
			KVM control (ActiveX control)
			Web
			DES encryption
			1920×1080@60Hz
Input Power Dual DC			-36V to 72V, 50 to 60Hz, <1.5A
OR			
Input Power Dual AC			100V to 240V, 50 to 60Hz, <1.5A

Model		KVM5108I	KVM5116I	KVM5132I
Power Consumption		11W	13W	15W
Environment Requirements	Operating Temperature	0 to 50 °C		
	Store Temperature	-20 to 60 °C		
	Humidity	0 to 80% RH, Non-condensing		
Physical Features	Material	Metal		
	Weight	3.8kg	3.8kg	4.1kg
	Dimension (W × D × H)	433mm × 237mm × 44.5mm		

Ordering Information

Product Name	Description
KVM5108I-AC	Rack Mount KVM, 8 ports and supports one remote user and one local user, AC PS
KVM5108I-DC	Rack Mount KVM, 8 ports and supports one remote user and one local user, DC PS
KVM5116I-AC	Rack Mount KVM, 16 ports and supports one remote user and one local user, AC PS
KVM5116I-DC	Rack Mount KVM, 16 ports and supports one remote user and one local user, DC PS
KVM5132I-AC	Rack Mount KVM, 32 ports and supports one remote user and one local user, AC PS
KVM5132I-DC	Rack Mount KVM, 32 ports and supports one remote user and one local user, DC PS

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Ver. ACT_KVM5100_Datasheet_V2a_Ma_2025