8/16/24/32-Port 18.5" Cat5 KVM over IP Switch

(HT1808/HT1816/HT1824/HT1832)



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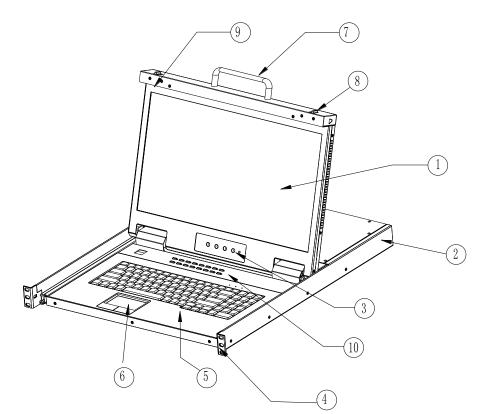
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Overview

The IP-based KVM (IP-KVM) redirects the local keyboard, mouse and video data to a remote management console. The operator can safely manage one or many computers locally at the server site or remotely via a standard internet browser. Securely gain BIOS level access to systems for maintenance, support or failure recovery over the internet.

The IP-KVM console integrates multiple KVM switches in a 1U height console. It can control multiple computers with a set of devices including monitor, keyboard and mouse; saving cost and space by consolidating the hardware to a single device.

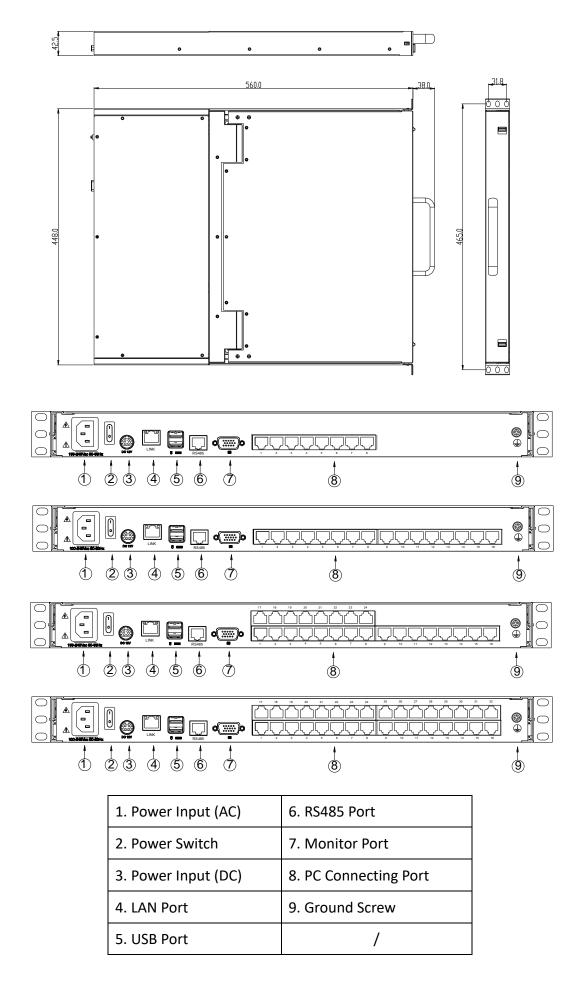
The IP-KVM console is fast and easy to install. Simply connect corresponding cables to the correct ports of the KVM and its module without software configuration. Connect multiple computers with compact RJ-45 connectors and CAT5e/6/7 cables, transmitting distance is up to 100M.



1. LED Module	6. Touchpad
2. Rear Bracket Slot	7. Handle
3. LED OSD Controls	8. Release Catch
4. Front Bracket	9. Display panel
5. Keyboard	10. Switch LED



Structure



Features

Hardware

- 18.5" LCD monitor, high definition and high resolution
- Rack-mountable in a 1U EIA system rack
- Full size keyboard with integrated number pad
- Trackball eliminates the need for a separate, external mouse
- Dual power supply

Local Console

- Control up to 8 / 16 /24 / 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/HDMI/DVI/DP port
- Multiplatform client support (Windows, Linux, Unix, Mac, Solaris (Sun), Redhat, Ubuntu
- Supports a graphical interface for intuitive and convenient human-computer interaction- local resolution is up to 1366×768@60Hz
- Supports 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

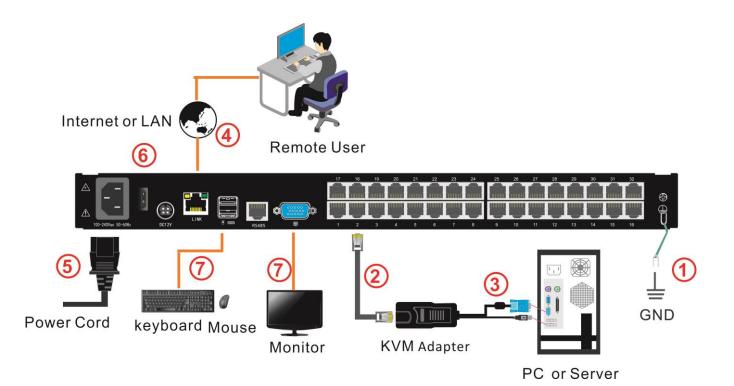
Remote Console

- Adaptive 10 / 100 / 1000 Mbps network
- WEB browser-based Or KVM_Clients remote management
- BIOS-level access
- Video quality and video tolerance can be adjusted to optimize data transfer speed, up to 60 FPS
- Full screen or scalable video display
- Remote users and local users can control the same server synchronously

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- 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
- Supports firmware upgrade

Connection Diagram



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Specifications

	Model	HT1808	HT1816	HT1824	HT1832	
Computer Connections	Direct	8	16	24	32	
	Max	8	16	24	32	
Port Selection	Keyboard, Mouse	Button, UI, Web, Hotkey				
LED Monitor	Model	WXGA TFT				
	View Area	18.51″				
	Optimum Resolution	1366×768@60Hz				
	Color	16.7 M				
	Brightness	250cd/m² (T y p)				
	Contrast Ratio	1000:1 (Тур)				
	Pixel Pitch(mm)	0.300(H) × 0.300(W)				
Mouse	X/Y Resolution	>1000 points / inch, (40 points/mm)				
	Scroll Wheel	Supports Scroll Wheel function				
Keyboard		99 keys (82 keyboard + 17 number pad)				
Remote	Remote Control	KVM Control (A9ctiveX)				
	Management	Web				
	Security	DES Encrypted				
	Resolution	1920×1080@60Hz				
Power Input		100V- 240Vac , 50-60Hz , <1.5A				
Mounting distance		686-770mm (L=262mm) Mounting bracket can be customized for other mounting distance				
Power Consumption		25W	27W	29W	31W	
Operating Temperature		0−50 °C				
Store Temperature		-20 —60 ℃				
Humidity		0—80% RH, non-condensing				
Net Weight		11.7 kg	11.7kg	11.9kg	11.9kg	
Product Dimension ($W \times D \times H$)		448mm×560mm×42.5mm				
Package Di	mension (W \times D \times H)	765mm×615mm×185mm				
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