

# 18.5" WXAG TFT Cat5 LCD KVM over IP Switch 1-Local/1-Remote Access

(HT1808/HT1816/HT1824/HT1832)



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## Introduction

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.

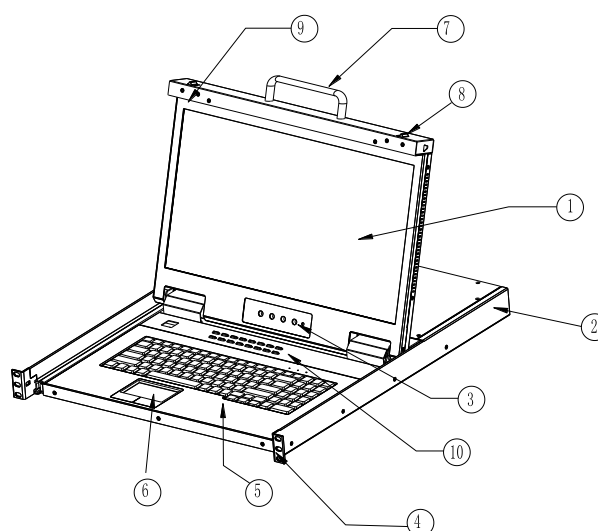
The IP-KVM console integrates multiple KVM switches in a 1U height console. It can control multiple computers with a set of devices including monitor, keyboard and mouse; saving cost and space by consolidating the hardware to a single device.

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.

## Function

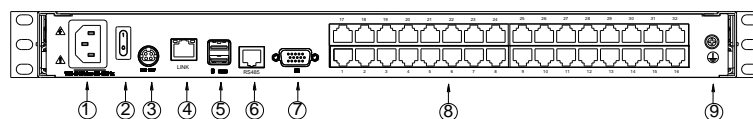
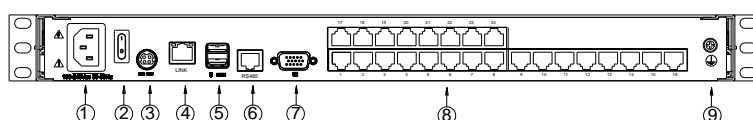
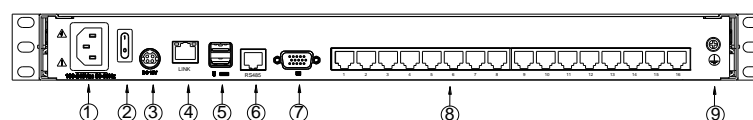
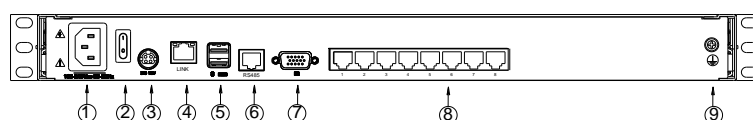
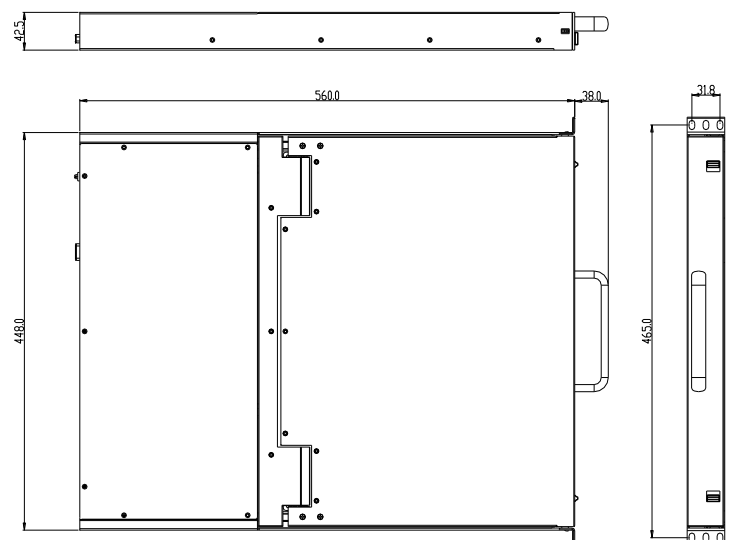
This product is intended to be used as a device to increase the distance that a keyboard, monitor and mouse can be placed from a computer. This product is intended for professional use. The product should not be used in potentially explosive environments.

The product may only be used according to the instructions as described in this manual. All use, other than that described in this manual, is seen as unintended use. In this product, the product connected to the host end is called the transmitter (TX), and the product connected to the display end is called the receiver (RX).



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



1. Power Input (AC)	6. RJ45 Port
2. Power Switch	7. Monitor Port
3. Power Input (DC)	8. PC Connecting Port
4. LAN Port	9. Ground Screw
5. USB Port	/

## Features

### Hardware Features

- 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

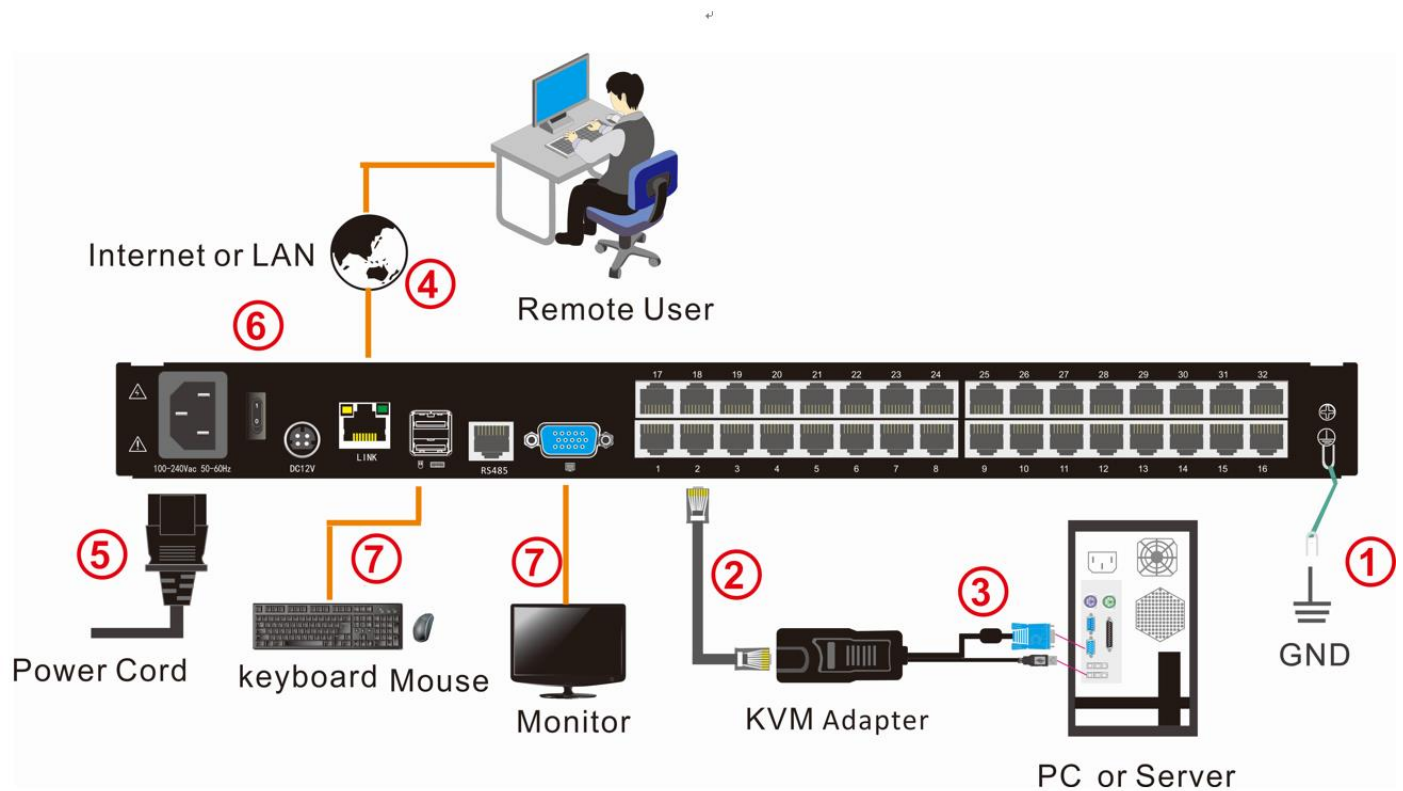
- Control up to 8/16/24/32 computers
- Support 1 local user and 1 remote user, port share mode allows local and remote users to gain access to a server simultaneously
- Easy-to-use switching by browser-based UI interface, hotkeys and pushbuttons
- Support servers with VGA/HDMI/DVI/DP port
- Multiplatform 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 x 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 normal booting
- Broadcast mode -- operations are simultaneously performed on all selected computers
- Auto scan feature for monitoring the 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

- 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



## 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/m <sup>2</sup> (Typ)			
	Contrast Ratio	1000 : 1 (Typ)			
	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 °C			
Humidity		0—80% RH, non-condensing			
Net Weight		11.7 kg	11.7kg	11.9kg	11.9kg
Product Dimension (W × D × H)		448mm×560mm×42.5mm			
Package Dimension (W × D × H)		765mm×615mm×185mm			