

# 18.5" Cat5 LCD KVM over IP Switch

## 1-Local / 2- Remote Access

( HT6808 / HT6816 / HT6824 / HT6832 )

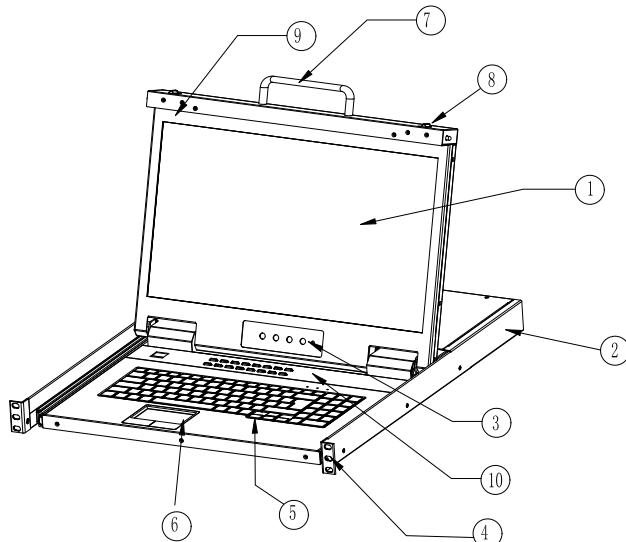


## Overview

Featuring an integrated LCD monitor, keyboard, and touchpad in a 1U rack-mountable housing, the HT68xx series LCD KVM over IP Switch is a control unit that allows secure access to 8 / 16 / 24 / 32 computers from a single KVM console.

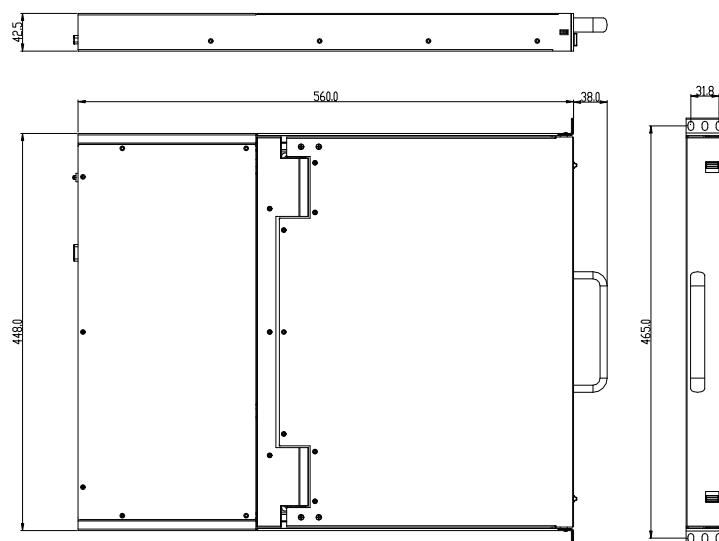
The HT68xx features IP-based connectivity that allows local and remote operators to monitor and access the computers. With TCP/IP communications protocol, the HT68xx series can be accessed from any computer on the LAN, WAN or Internet.

It's easy to set up the HT68xx series, 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.

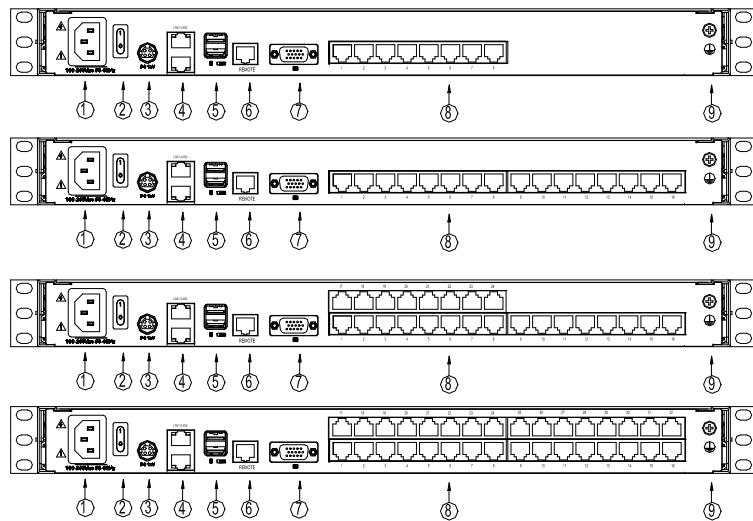


1. LCD Monitor	2. Rear Bracket Slot	3. LCD OSD Controls
4. Front Bracket	5. Keyboard	6. Touchpad
7. Handle	8. Release Catch	9. Display Panel
10. Switch LED		

## Structure



## Rear View



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

## Features

### Hardware Features

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

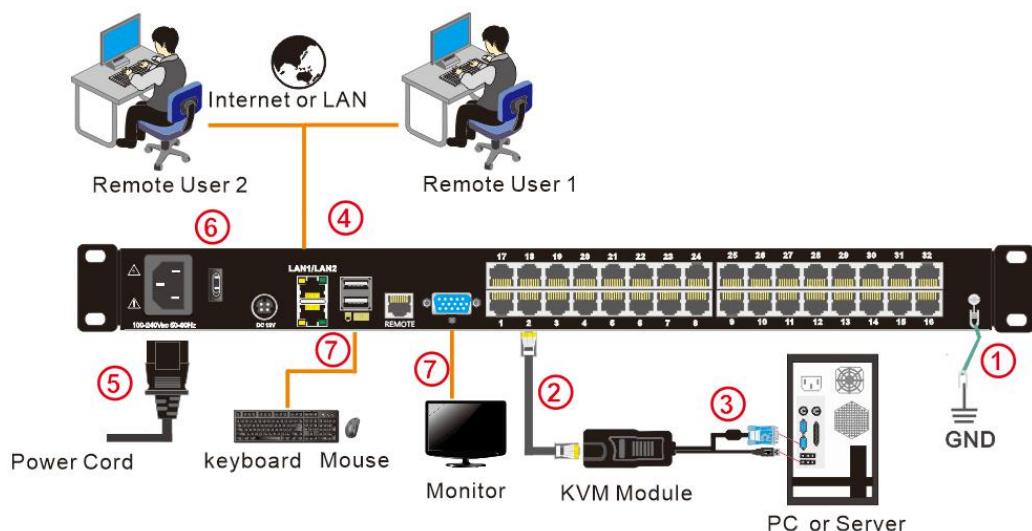
### Local Console

- Control up to 8 / 16 / 24 / 32 computers
- Support 1 local user and 2 remote users, 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)
- Supports a graphical interface for intuitive and convenient human-computer interaction- local resolution is up to 1920x 1080@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
- 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 30 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
- Support low-bandwidth real-time transmission, the bandwidth is less than 2M
- Exit Macros support
- Configurable user and group permissions for server access and control
- Supports firmware upgrade

## Connection Diagram



## Package Contents

- 1x KVM over IP console
- USB KVM Dongle (Optional)
- 2x Mounting Rails
- 1x Cat5e Shielded Cable
- 1x Power Cord
- 1x Ground Wire
- 1x Quick Start Guide
- 1x User Manual

## Specifications

Model		HT6808	HT6816	HT6824	HT6832
Computer Connections	Direct	8	16	24	32
	Max	8	16	24	32
Port Selection	Keyboard, Mouse	Button, UI, Web, Hotkey			
LCD Monitor	Model	FHD TFT			
	View Area	18.47"			
	Optimum Resolution	1920×1080@60Hz			
	Color	16.7 M			
	Brightness	250cd/m <sup>2</sup> (Typ)			
	Contrast Ratio	1000 : 1 (Typ)			
	Pixel Pitch(mm)	0.213(H) × 0.213(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		37W	39W	41W	43W
Operating Temperature		0 — 50 °C			
Store Temperature		-20 — 60 °C			
Humidity		0—80% RH, non-condensing			
Net Weight		11.9 kg	11.9kg	12.1kg	12.1kg
Product Dimension (W × D × H)		448mm×560mm×42.5mm			
Package Dimension (W × D × H)		765mm×615mm×185mm			