17" Cat5 LCD KVM over IP Switch
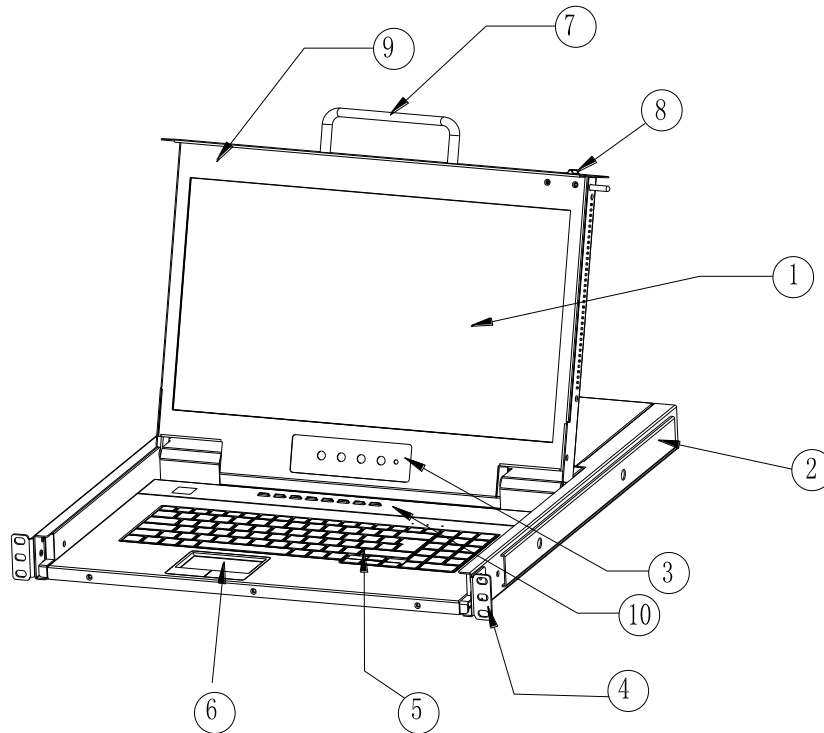# 1-Local/1-Remote Access

（HT1708 / HT1716）

Overview

Featuring an integrated LCD monitor, keyboard, and touchpad in a 1U rack-mountable housing, the HT1708 / HT1716 LCD KVM over IP Switch is a control unit that allows secure access to 8/16 computers from a single KVM console.
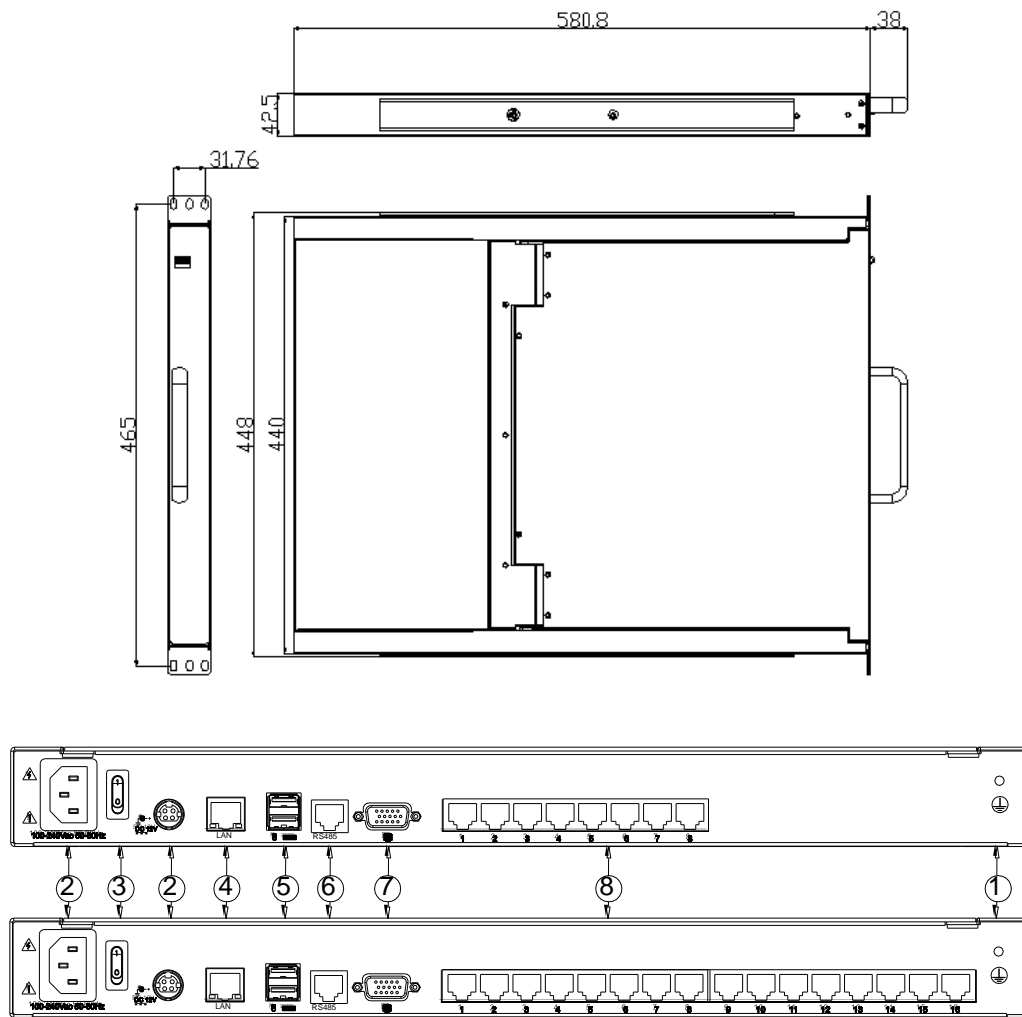
The HT1708 / HT1716 features IP-based connectivity that allows local and remote operators to monitor and access the computers. With TCP/IP communications protocol, the HT1708 / HT1716 can be accessed from any computer on the LAN, WAN or Internet.

It's easy to set up the HT1708 / HT1716, 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	6	Touchpad
2	Rear Bracket Slot	7	Handle
3	Display Menu Buttons	8	Release Switch
4	Mounting Bracket	9	Display Panel
5	Keyboard	10	Port Selection Buttons

Structure

1	Ground Connection Screw	5	USB Port
2	Power input(AC or DC)	6	RS485 Port
3	Power switch	7	Console Monitor Port
4	LAN port	8	Host Port

Features

Hardware Features
- 17" TFT LCD monitor with highlight, high definition and high resolution
- Rack-mountable in 1U system rack
- Full size keyboard with integrated number pad
- Integrated trackball – eliminates the need for a separate, external mouse
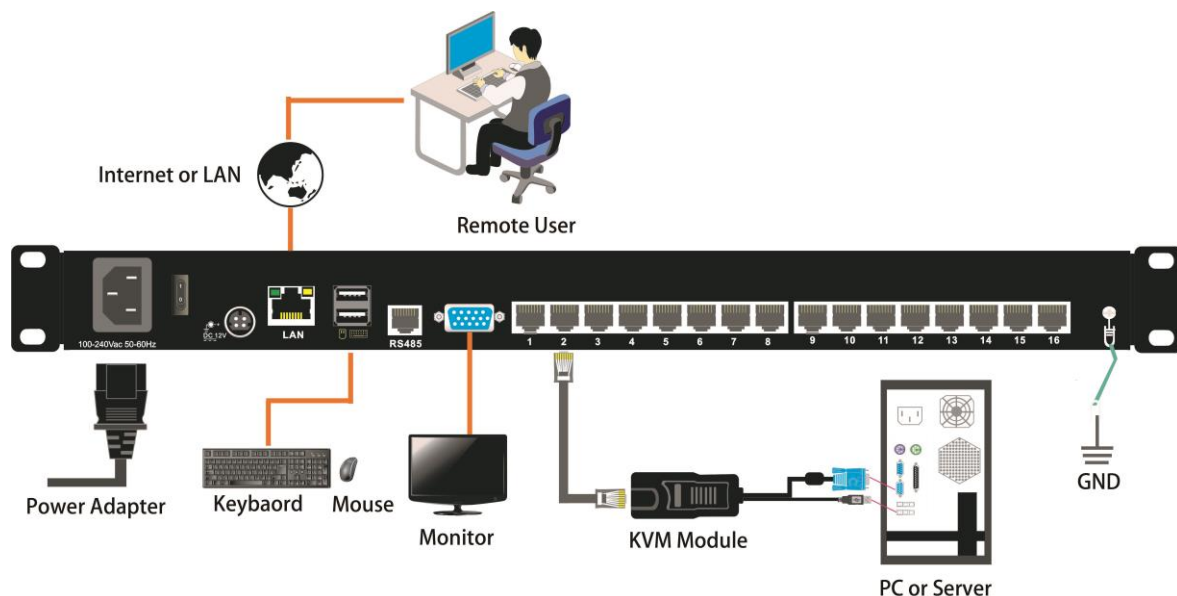- Dual power supply

Local Console
- Control up to 8/16 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 port
- Multiplatform client support (Windows, Linux, Unix, Mac, Solaris (Sun), Redhat, Ubuntu)
- Local Console, Browser, and AP GUIs offer a unified Multilanguage interface

- Local resolution is up to 1280 x 1024
- 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
- 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 remote management
- BIOS-level access
- Video quality and video tolerance can be adjusted to optimize data transfer speed, data transfer speed is up to 30 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
- Message Board for communication among remote users
- Support firmware upgrade

Connection Diagram

Package Contents

- 1x KVM over IP console
- 8/16x USB KVM Dongle - KCM-1200U
- 2x Mounting Rails
- 1x Shield Network Cable
- 1x Power Cord
- 1x Ground Wire
- 1x Quick Start Guide
- 1x User Manual

Specifications

Model		HT1708	HT1716
Computer Connection	Direct	8	16
	Max	8	16
Port Selection		Pushbutton, UI interface, Web	
LCD Monitor	Mode	SXGA TFT	
	View Area	17"	
	Optimum Resolution	1280×1024@60Hz	
	Display Color	16.7 M	
	Brightness	250cd/m² (T y p)	
	Contrast Ratio	1000 : 1 (T y p)	
	Pixel Pitch(mm)	0.264(H) × 0.264(W)	
Mouse	X/Y Resolution	>1000 points /inch, (40 points/mm)	
	Trackball	Supports trackball function	
Keyboard		99 keys (82 keys main keyboard +17 independent number pad)	
Remote	Remote control	KVM control (ActiveX Control)	
	Management Interface	Web	
	Security	DES encryption	
	Optimum Resolution	1280×1024@60Hz	
Input Power		100V – 240Vac, 50 ~ 60Hz, <1.5A	
Power Consumption		23W	25W
Operating Temperature		0 – 40℃	
Storage Temperature		-20 – 60℃	
Humidity		0 – 80% RH, non-condensing	
Net Weight		13 kg	13kg
Product Dimension(W x D x H)		448mm×581mm×42.5mm	
Package Dimension (W × D × H)		765mm×615mm×185mm	