

Short Depth Full HD 18.5" Widescreen LCD TP KVM over IP (with USB VGA Dongles)

The TP KVM Solution aims to save the cable problems in high density enterprise server room and data center by adopting easily manageable Twisted Pair Cable (Cat 5e, Cat6, Cat7 cables) instead of the cumbersome KVM combo cables, which can save much space and greatly reduce cable clutter. The cabling extension distance can be up to 100M and even more at a resolution of 1920x1080 to caters longer distance requirements.

Featuring an integrated 18.5" LED-backlit widescreen LCD Monitor, keyboard and touchpad is a control unit in a 1U Rack Mountable housing that allows secure access to the connected servers from a single KVM console. Two USB and one VGA port are in-build in the rear to facilitate additional connectivity of keyboard/mouse and external display.



FULL HD RESOLUTION

Widescreen 18.5" LED LCD panel with a 16: 9 aspect ratio delivers resolutions up to 1920x1080 @60Hz

GREATER DISTANCE over TP

Extend the distance 100M and even more from servers-to-switch over Category 5/6/7.

REMOTE MANAGEMENT

Allows local and remote users to monitor and access the connected Servers over the LAN & WAN.

Features

Local Console

- Support VGA, DVI, HDMI, DP Port servers Connectivity
- Support port sharing mode for allowing local and remote users to gain access to a server simultaneously
- Supports Windows, Linux, Unix, Mac, Solaris (Sun), Redhat, Ubuntu
- Video synchronization with local console - EDID information for local console display can be stored in the host module for video resolution optimization
- Support Keyboard and mouse emulation to ensure the normal booting
- Support Auto scanning 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 LAN Ports
- BIOS-level access & Support firmware upgrade
- 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/computer synchronously
- Support AES / DES / 3DES encryption and strong password
- 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
- Automatically synchronizes local and remote mouse movements

Reference Electrical Characteristics:

Server Connections	Integrated 8 or 16 Ports	
Port Emulation	Push button, UI interface, Web	
LCD Monitor	LCD Model	FHD TFT
	Viewing Area	18.5"
	Optimum Resolution	1920×1080@60Hz
	Display Color	16.7 M
	Brightness	350cd/m ² (T y p)
	Contrast Ratio	1000: 1 (T y p)
	Pixel pitch(mm)	0.213(H) × 0.213 (W)
Mouse	X/Y Resolution	>1000 points / inch, (40 points/mm)
	Trackball Function	Supports
Keyboard	99 Keys (82 Main Keys + 17 Independent Numeric)	
Ethernet Interface	10/100/1000Mbps RJ-45 Copper	
Remote Control	KVM Control (ActiveX Control)	
Remote Management	WEB browser-based	
RS485 Serial Interface	RJ-45 Copper	
Security	Supports DES, AES128, AES256 Encryptions	
Optimum Resolution	1920x1080@60Hz	
General Features	Input Power	100V – 240Vac, 50 ~ 60Hz, <1.5A
	Power Consumption	35W
	Operating Temperature	0 ~ 50 °C
	Storage Temperature	-20 ~ 60 °C
	Humidity	0~80% RH, Non-condensing
	Net Weight	13.4kg
	Product Dimension (W×D×H)	448mm×560mm×42.5mm
	Package Dimension (W×D×H)	765mm×615mm×185mm
	Optional Power Input	-36V— -72Vdc

Package Contents

- 1 x LCD TP KVM Switch
- 1 x Power Cord
- 2 x Mounting Rails
- 8 x USB KVM Adapter
- 1x Cat5 Shield Network Cable
- 1 x Ground Lead
- 1 x Quick Start Guide
- 1 x User's Manual

Ordering Information

Part No	Name of items
SN-KC7808S	Short Depth Full HD 18.5" Widescreen LCD 8-Port TP KVM over IP
SN-KC7816S	Short Depth Full HD 18.5" Widescreen LCD 16-Port TP KVM over IP