MT-Viki MT-1708UL Rack Mount KVM Monitor Switch User Manual

Contents

MT-VIKI®

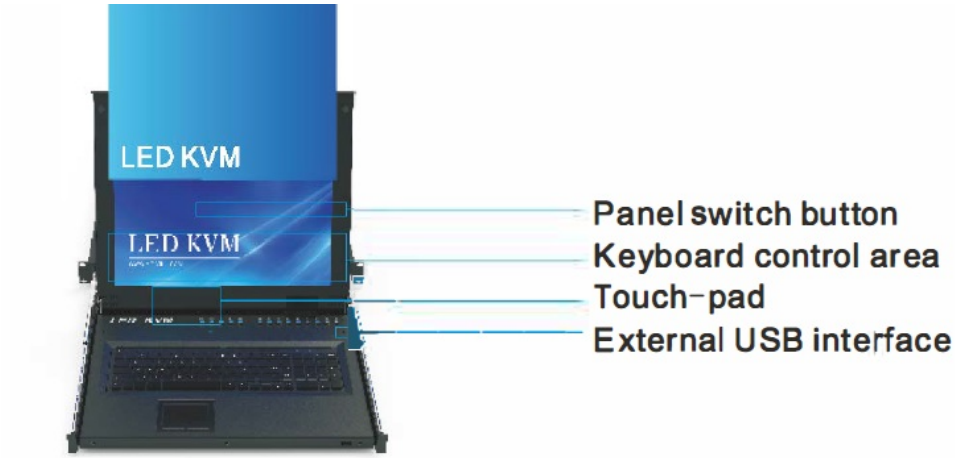
MT-Viki MT-1708UL Rack Mount KVM Monitor Switch

Thanks for purchasing this product!
Before using this product, please be sure to read this manual end the relevant information carefully and follow the Instructions for use, installation, maintenance and repair. This manual Is for reference only. Image might be varied from the actual product due to updated version. But the instruction is still applicable.

Features and specification

Description
The LED KVM Switch is a rock mount server control platform. Different from the traditional LED KVM, Yinker 1708UL Is upgmde both In weight and construction. This series of KVM is featured by high efficiency, simple use, easy management, cost-saving, remote management, environmental protection and energy ;oving. Built with 1U high, It fits universal 19″ racks. The aluminum shell make It easy and convenient for carrying in and out, heat dissipation. anti-oxidation.

Front Interface diagram

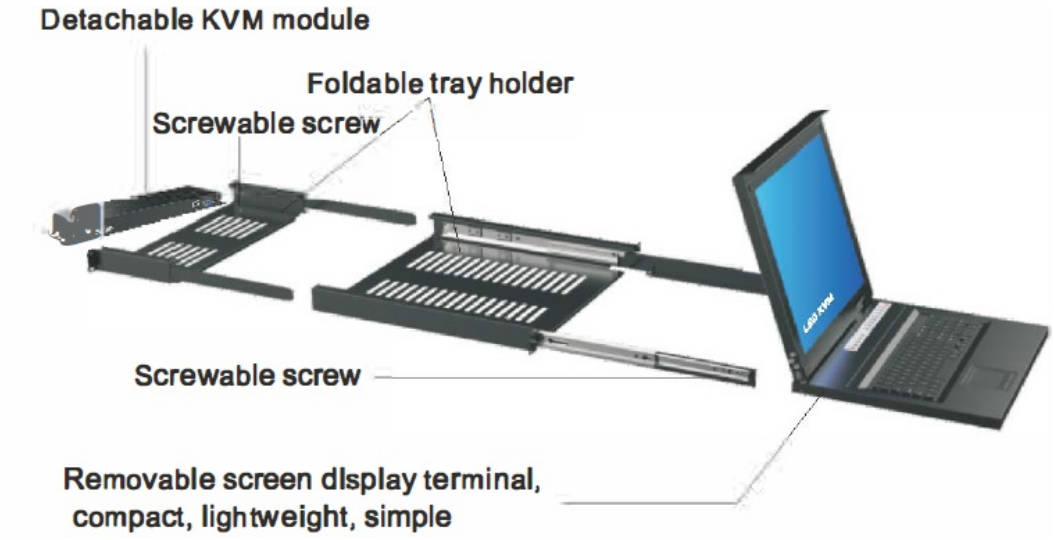


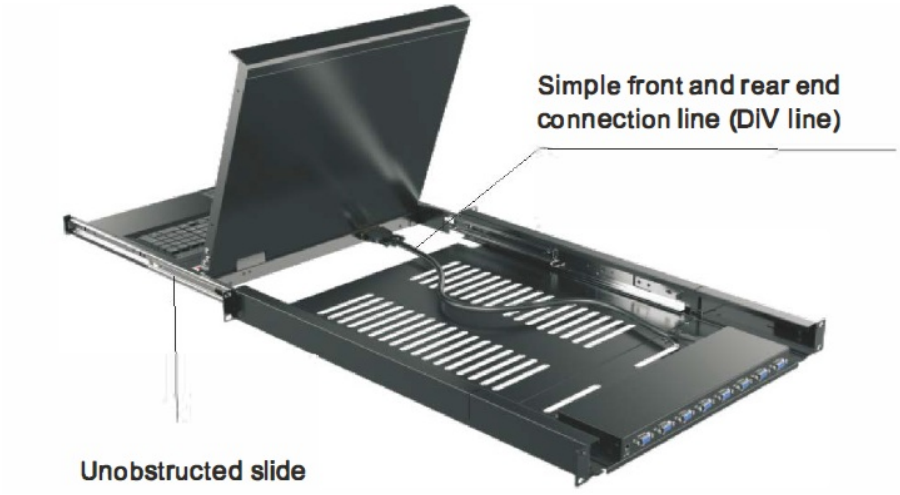
KVM front interface diagram

Note:

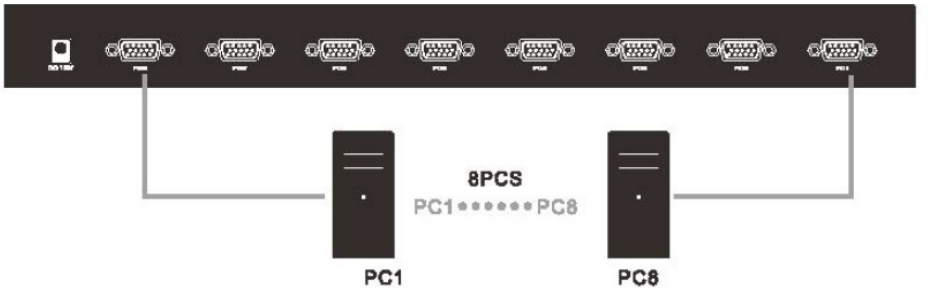
1. External USB control interface, suitable for USB 1.1 devices
2. USB software debug port, when users have compatibility problems or need to customize the performance during using, can contact our customer service, users can update the software by themselves.
3. Power switch button, easy to control the power switching.

Structure diagram

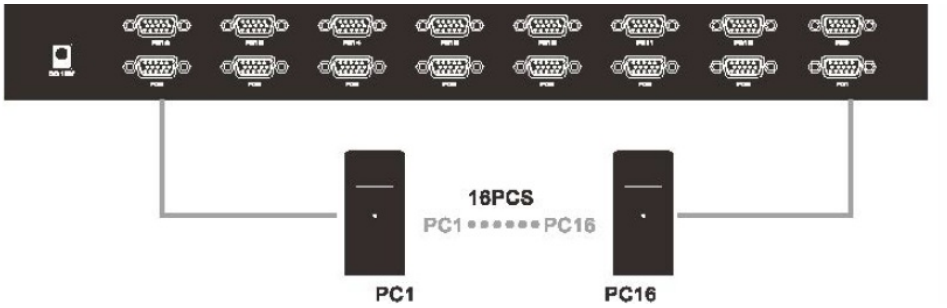




8 port connection diagram



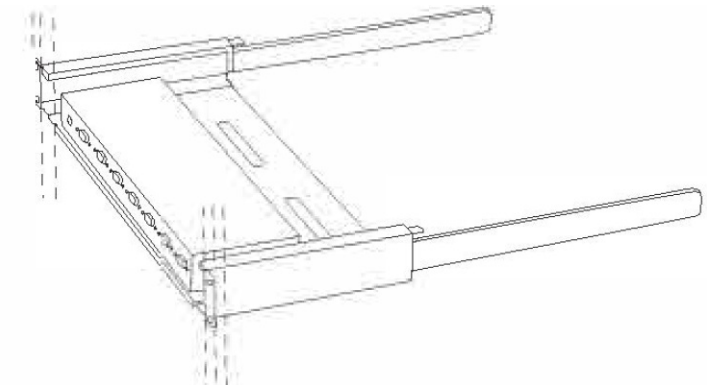
16 port connection diagram



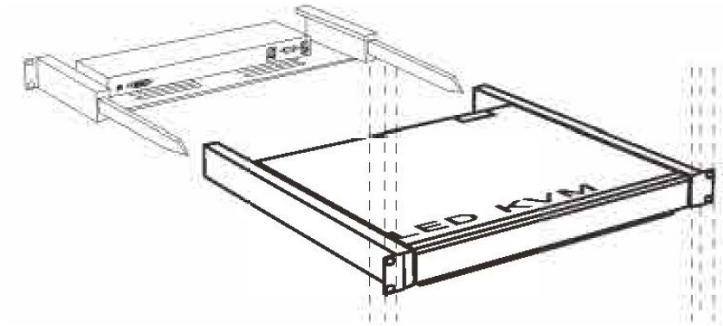
Installation

The mounting bracket of the cabinet must be adjusted to the standard server installation position before installation.

- **Step 1:** Open the rear door of the cabinet, select the appropriate height, and load the KVM module and small tray into the cabinet.



- **Step 2:** At the front side of the cabinet, insert the display terminal and the big tray into the support arm of the small tray, and then fix the cabinet screws.



- **Step 3:** Connect the KVM module and the display terminal via the DVI cable
- **Step 4:** Connect KVM and server by dedicated KVM cable
- **Step 5:** Turn on the power and complete the installation.

Features

- 17 inch LED display/mouse/keyboard Combo
- Resolution up to 1280*1024
- Support password protection and server name search
- Automatic adjustment function of LED display
- Support full DDC2B and model detection of PC monitor without switching
- Support simultaneous operation of the servers with built-in PS/2 keyboard and mouse
- The drawing design allows adjust length to different cabinets
- No software required, switch by panel button, hotkey or OSD menu
- With 98-key keyboard and smooth Touch-pad
- **Support systems:** DOS/Windows, Linux, Unix, Mac OS8.6/9/10, SUN Solaris 8/9
- Aluminum shell material makes it easy and weightless to install and portable to carry
- Data transmission via standard DVI cable(full 24+5)

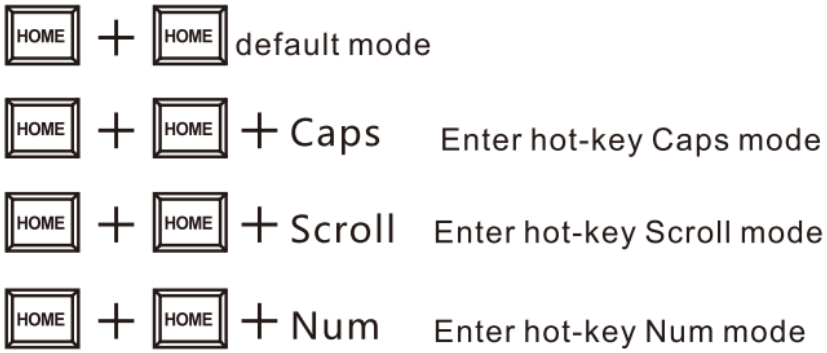
Specification

		8 Port	16 Port
LCD	Screen type	XGA TFT LED	
	Size	4:3 17 inch	4:3 17 inch
	Resolution	1280*1024	1280*1024
	Color display	16.7M	16.7M
	Brightness	300(CD/m2)	300(CD/m2)
	Contrast	1000:1	1000:1
	Pixel spacing	0.264(H) X 0.264(W)	0.242(H) X 0.242(W)
		LED MTBF >50000H, Backlight MTBF >30000H	
	Power consumption	Max. 24W	
Keyboard	keyboard design	98 key	
	Compatible	IMB/AT, support Microsoft Windows 9x/ Me/nt/2k/XP	
	Port	PS/2	

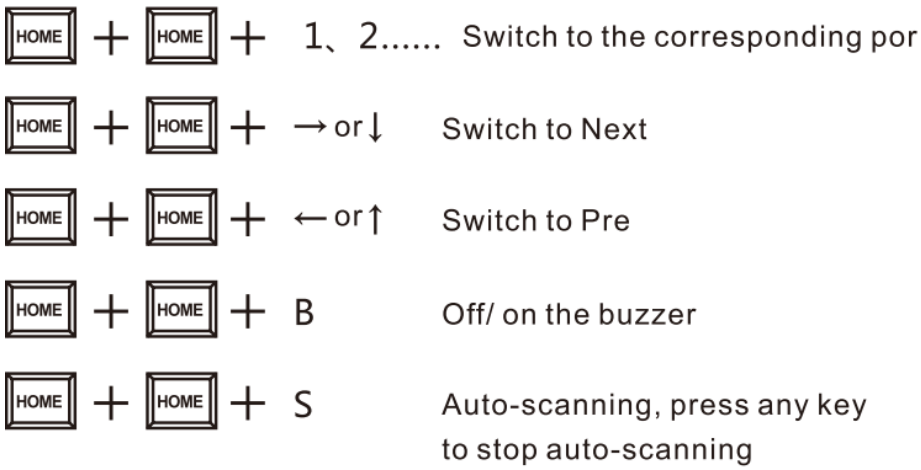
	Use life	>1,000,000 times
Mouse touch panel(2 button)	Port	PS/2
	System	Support Me/nt/2K/XP
	Use life	>1,000,000 times
Power input	DC12V	
Case Color	Black	
Housing	aluminum+metal	
Dimension(L x Wx H)	480x600x45 mm	
Cabinet installation depth	600-810mm(adjust the hanging ear)	
Operation Temp.	-45~60℃	
Storage Temp.	-20~65℃	

Hotkey command introduction

This LED KVM support hotkey switch. A “beep” sound after the pressing of hotkey command means command completed. HOME mode is in default, Caps/Scroll/Num mode are available. Below is the hotkey instruction.



Default mode command



[HOME] + [HOME] + [1] + number(5-999) + [ENTER]: set the auto-scanning intervals from 5-999s.
If you want to use Caps mode, please press L HOME I + L HOME + [Caps 1 first.

Caps mode Command

Caps + Caps + 1、2.....	Switch to the corresponding port
Caps + Caps + →or↓	Switch to Next
Caps + Caps + ←or↑	Switch to Pre
Caps + Caps + B	Off/ on the buzzer
Caps + Caps + S	Auto-scanning, press any key to stop auto-scanning

[Caps] + [Caps] + [l] + number(5-999) + [ENTER]: set the auto-scanning intervals from 5-999s.

OSD menu Operation

OSD menu activation start

1. OSD one button start(Press the OSD key)
2. Home+ Home +Enter to active OSD menu

Note: If you are using OSD, you can click directly when you are on the main menu.

Main menu

- **USER: ADMIN :** Current selected User
- **C: 00 :** Current selected User Cascade indication (00 represents first level, 01 represents second level)
- **KVM :8 PORTS:** Numbers of input ports (8 represents 8 port KVM Switch, 16 represents 16 port KVM Switch)
- Current selected port
- **T:** Ports selected to be auto scanning
- **ON :** Ports connected the USB end correctly
- Menu set
- **F1:** To revise the name of port
- **F2:** Set the port to be scanned(roll to the port and press F2 to open or close auto scan, a “T” be indicates on)
- **F3:** System setting

- **F4:** Start of auto scanning
- **F6:** Set the host to be assigned non-administrator users (which hosts User 1-7 can operate)
- **F7:** User login setting

Note: F1,F2, F3,F4,F6, F7 are the keyboard button.

- **F1:** Modify the host name

Note: sever name is editable. Press F1, roll over to the corresponding port, type the name and press enter.

- **F3:** System setting

Setting method: Under the current option, press enter to enter the setting

- **01:** Buzzer on/ off
- **02:** Autoscan Mode
- **0:** All of ports
- **1:** The option ID only scans the PC port connected to the USB
- **2:** TAG set the port to be scanned. Use it with F2. Press F2 on the corresponding computer and the “T” character will appear, as shown in Figure 2. At this time, set it to 2 in AUTOSCAN MODE. Press the scan hotkey, then the product will scan according to the port set by the user, and the computer without the “T” port will skip directly.
- **03:** Autoscan interval, default 5s
- **04:** After switching, the OSD shows the Banner interval
- **05:** After switching, OSD shows banner position, after entering, press Alt+ “N| – ” key to adjust position

- **06:** Plugin Jump Mode
- **0:** The device will be automatically switched to the port just inserted into the USB device when all the ports are free
- **1:** Plug in a USB device (When USB port has a 5V devices input), it automatically switches to the one you plugged in, giving priority.
- **Note:** The PLUGING JUMP MODE setting is only useful if JUMP CHECK is set to 1.
- **07:**JUMP CHECK
- **O:NONE:** Does not detect, Port switching could via panel keys or hotkey
- **1:POWER:** Detects the USB is correctly plugged in and can only be switched on the port where the USB device is plugged in
- **08:** Check the software version information
- **F7:**Enter the user settings

When you press F7 into the user settings, the screen shown in Figure 4, SECURIY: Y represents that need the password to enter, N on behalf of don't need the password to enter, press the "|" into the user account, Press "enter" to into, enter the screen as Figure 5

- **F1:** modify the user name (user name: ADMIN, USER1, USER2, USER…. behind 6 X is hidden password, you need to press F9 to view)
- **F9:** View the current password (the figure above by F9 shows the first user's default password is 000000)
- **F4:** Change the password

However, when set to Y, the OSD adds F5: LOGOUT options. Each time you login will be prompted, as shown in Figure 6

USER Name: the user name above Figure 5,
Password: the password behind the user name, then you need to submit the user name and password to enter D F6:Set and assign the administrator user host (which hosts User 1-7 can operate)

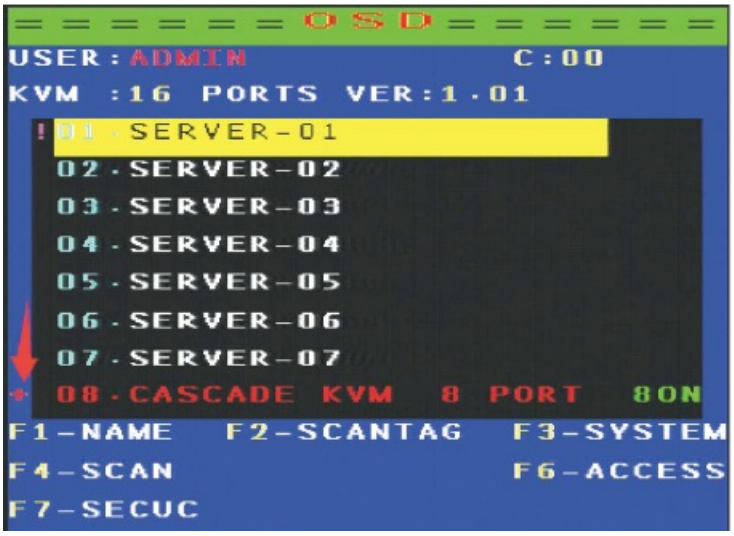
When you press the “F6” into Figure 7 picture, then press F1, F2, F3, F4, F5, F6, F7, the light green in the OSD menu will appear 1, 2, 3, 4, 5, 6, 7. These numbers represent USER1-7 users, press F12 to assign all users: DEL DELETE ALL USER’S PERMISSIONS.
For example: in Figure 7, SERVER-01 ~ SERVER-03, each of these hosts have eight users, when you enter any one user can enter to control these three hosts: At this time when you press F5 to enter the user login picture (Figure 6) write User name: USER1, password: 111111 interface as Figure 8, you can see that 1,2,3,4,5,6 computers you can operate.

input the user name: user-03, password: 333333, you can see that only 1,2,3 computers can operate, and so on

The default administrator user name: Admin, password: 000000 when you use this account, you can operate any host

Cascade installation steps

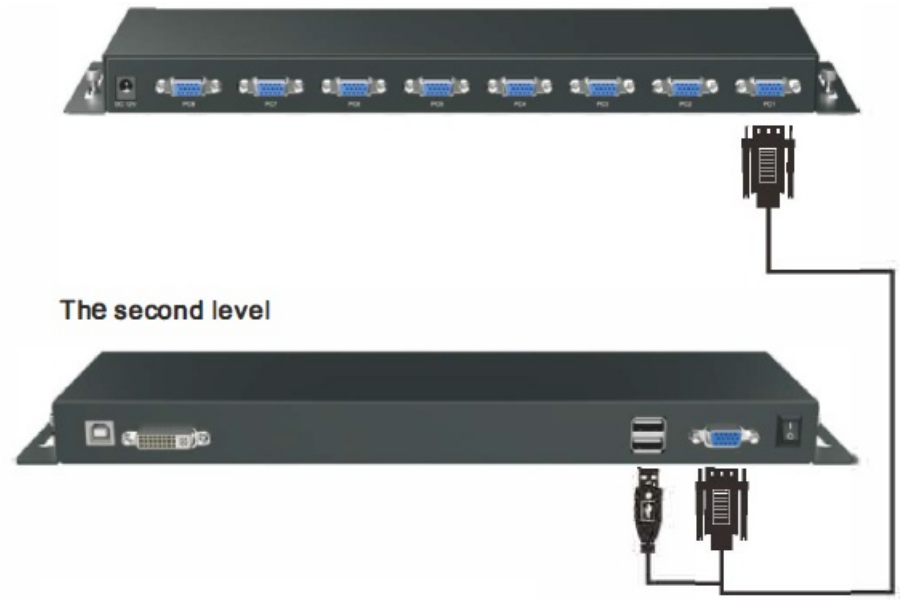
Precautions before installation:
Make sure all the devices are connected correctly but power off



1. Connect output source, input source, cascade cable and keyboard, mouse.
2. Connect the power adapter after output source, input source, cascade cable connected to prevent the keyboard stuck phenomenon.
3. Please start PCs after all done.
4. After cascade, switch method: Panel button, OSD switching: press HOME+ HOME+ enter to activete OSD menu. You will see the picture on screen like figure 10:

Port cascade diagram

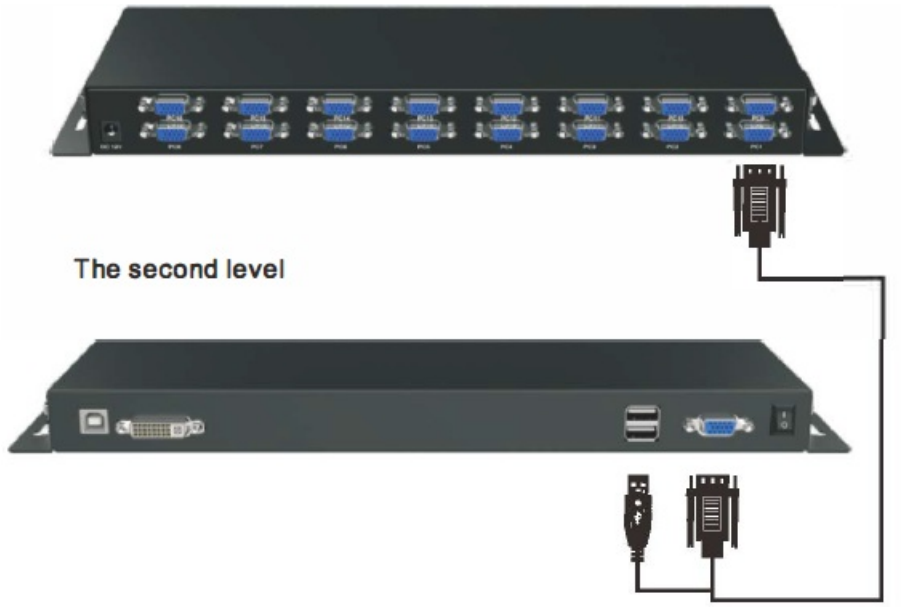
The first level



Note: 8 Port connect up to 56PCS

16 Port cascade diagram

The first level



Note: 16 Port connect up to 240 PCS
Please note that the wiring connecting sequence, if reverse, may result in product burnout, the consequences.

Maintenance

In order to prolong the service life of the machine and reduce the unnecessary damage of KVM, Please pay attention to the following aspects

- Press the power on the LED screen, LED screen power indicator light turn red from green, indicating that the LED screen is turned off
- Close the LED panel to lock the current panel
- Push the control platform into the cabinet and tighten the side lock of the control platform panel when pushed in

thoroughly

Package Content

No.	ITEMS	8 port	16 port
1	LCD KVM SWITCH	1	1
2	USB, KVM cables	8	16
3	INPUT: AC110~240V OUTPUT: DC12V	1	1
4	Bracket	2	2
5	User Manual	1	1
6	Screws	1	1
7	DVI cable(25+4) 70cm	1	1

Documents / Resources

	MT-Viki MT-1708UL Rack Mount KVM Monitor Switch [pdf] User Manual MT-1708UL, 1716UL, MT-1708UL Rack Mount KVM Monitor Switch, Rack Mount KVM Monitor Switch, Mount KVM Monitor Switch, KVM Monitor Switch, Monitor Switch, Switch

References

- User Manual