

# KVM-0801

# User Manual

---



# Content

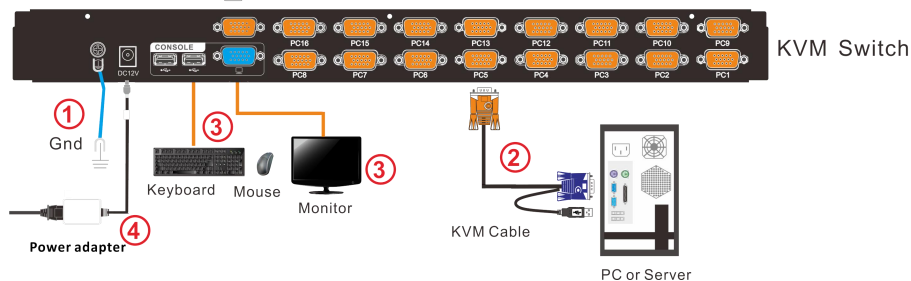
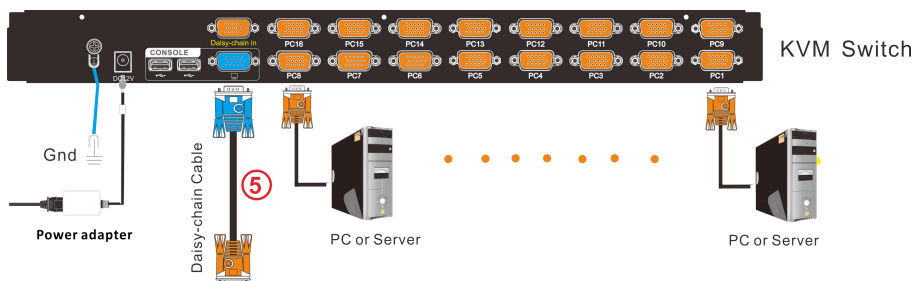
|                                  |   |
|----------------------------------|---|
| 1.Descriptions .....             | 3 |
| 2.Installation Instruction ..... | 3 |
| 3.Opening the Console.....       | 4 |
| 4.LED Instructions.....          | 4 |
| 5.OSD Operation .....            | 5 |
| 6.OSD Functions .....            | 6 |
| 7.Specifications .....           | 8 |
| 8.FAQ .....                      | 9 |

## 1.Descriptions

KVM switch is a control device which controls multiple computers from a single console (keyboard, video and mouse), as many as 512 computers can be controlled from the original console. There is no better way to save space, time and money than with a KVM switch installation.

## 2.Installation Instruction

1. Make sure the KVM switch has been connected to the ground.
2. Connect local control keyboard, mouse and monitor to the KVM switch.
3. Connect one port of KVM signal cable to the computer (make sure the keyboard, mouse and VGA cables are correctly connected), connect the other port to the KVM port.
4. Connect power cable to KVM port

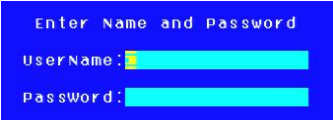


### 5.Cascade installation (optional)

- 1) Plug the yellow port of daisy chaining cable in the yellow "Daisy-Chain in" DB15 port on the KVM.
- 2) Plug the other blue port in the blue "Console" DB 15 port on the KVM.
- 3) Repeat above steps according to above diagram, it can maximum cascade up to 32 KVM switches.

### 3.Opening the Console

The KVM makes two “beep” sounds and the LED flashes two times after power on. Then below window appears for you to input user name and password.



The default password is “blank”, double click to 【Enter】 the OSD main menu to operate the KVM.

#### LED Instructions

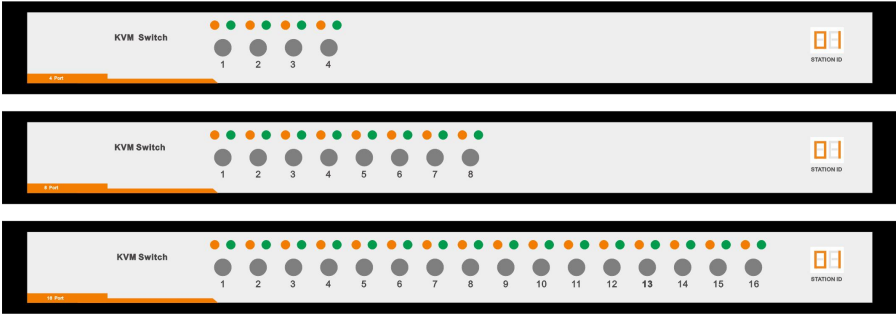
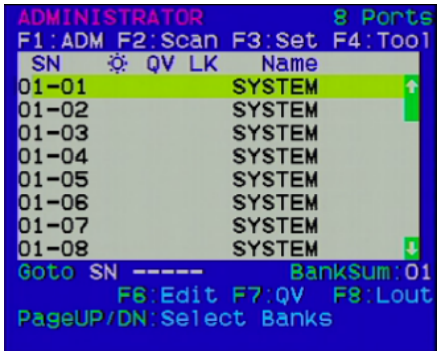


Table 1.1:

| No. | Components                   | Function                                                                                                                                                                                                                          |
|-----|------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1   | 1-4<br>1-8<br>1-16           | 1) Switching freely from port 1 to port 4/ 8 /16<br>2) Press 【1】 and 【2】 at the same time resets the KVM.<br>3) Press 【7】 and 【8】 at the same time switches to next stage level.                                                  |
| 2   | Port Selection Buttons& LEDs | 1)An online LED light(orange) indicates that the KVM has connected to its corresponding computer and power on.<br>2)A selected LED light(green) indicates that the computer attached to its corresponding port is up and running. |
| 3   | Station ID                   | Station ID shows the current stage level of the daisy chain.                                                                                                                                                                      |

# 4.OSD Operation

Double click the right button of the mouse or double click hotkey【Scroll Lock】 to invoke below OSD main menu. You can customize the OSD hotkeys; find more details in OSD function instructions.

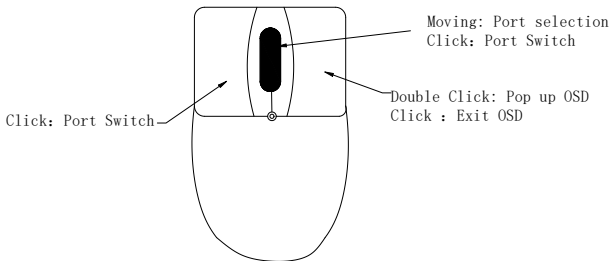


| Heading | Explanation             |
|---------|-------------------------|
| NO.     | Port numbers            |
| ➡       | On line                 |
| ⚙       | System on               |
| 🔄       | Quick view              |
| 🔊       | BRC Port                |
| 📶       | Channel is only be seen |
| Name    | Port name               |

To access the OSD menu through keyboard:

- 1.In the submenus that appear, moving the highlight bar to your selected port and then press Enter.
2. Press 【Page Up】 or 【Page Down】 quickly moves to next BANK
3. Press any key from 【0-9】 to enter any port of current station, type BANK+PORT to enter other stations.

To access the OSD menu through mouse:



1. Use the scroll wheel to switch from one port to another.
2. Click the right or middle button to confirm your selected port and close the OSD main menu at the same time.
3. Click the right button to exit the OSD main menu.

\*Note: Operate via keyboard after invoke the OSD menu via the touchpad.

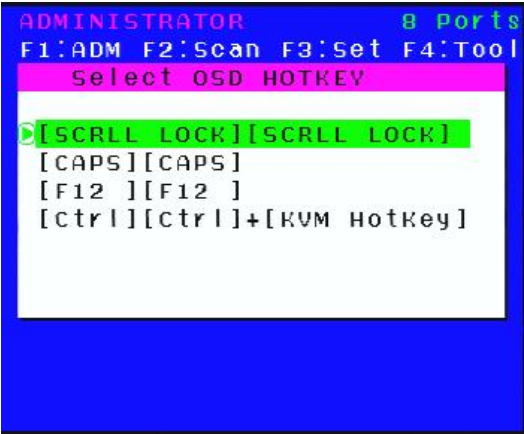
## 5.OSD Functions

| Menu | Keys        | Submenu/explanation                                                                                                                                                                                                                                                                          |
|------|-------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| ADM  | F1          | Set User Login-Set User login account and password<br>Set accessible-Set access permissions<br>BRC Mode -monitor multiple computers at the same time<br>Load Default-reset the menu to the original factory default settings                                                                 |
| Scan | F2          | All-Lists all the ports on the installation<br>Power On-lists only powered on ports that have attached computers.<br>Quick View-Lists only the ports that have been selected as Quick View ports                                                                                             |
| Set  | F3          | Auto Scan-set scanning time period<br>Port ID-set how long a port displays on the monitor<br>OSD Hotkey-set OSD hotkeys<br>Lout Time off- to set the time out value                                                                                                                          |
| Tool | F4          | Reset KM- press Enter resets keyboard and touchpad<br>Beeper 【On】 -press Enter switch Bee sounds<br>Mouse Hot 【On】 -press Enter to shut down touchpad operating on OSD.<br>Restore Values-press Enter restore the current user default value<br>About KVM- press Enter shows the KVM version |
| Edit | F6          | Edits port names                                                                                                                                                                                                                                                                             |
| QV   | F7          | Start or close Quick View                                                                                                                                                                                                                                                                    |
| Lout | F8          | Log out/lock the KVM                                                                                                                                                                                                                                                                         |
| Exit | Esc         | Press this key exits OSD menu                                                                                                                                                                                                                                                                |
|      | Scroll Lock | Press this key exits OSD menu                                                                                                                                                                                                                                                                |
|      | Num Lock    | Press this key exits OSD menu                                                                                                                                                                                                                                                                |

Table 1.2

# 6.OSD Hotkey Operation

1. Press **【F3】** and move the highlight bar with **【↓】** to select “OSD Hotkey” submenu . Press **【Enter】** and below screen appears:
2. KVM default hotkey: **【Scroll Lock】**



3. Select the “ **【Ctrl】【Ctrl】 + 【KVM Hotkey】** ” and press **【Enter】** , and then the **【Ctrl】** hotkey is available in this hotkey mode, the mouse hotkey can't enter the OSD menu.

Invoke hotkey: double click **【L\_Ctrl】** + the corresponding function key

| Function             | Operating     | Function description                                                                                                                                                                                   |
|----------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Switching port       | + 1~8         | Skip ports from 1~8<br>E.g.: Double click <b>【L_Ctrl】</b> plus 2 to skip to the second port of the current station.                                                                                    |
|                      | + F1~ F8      | Skip ports from 9-16                                                                                                                                                                                   |
|                      | + ↑ / ↓       | Skip to previous/next port                                                                                                                                                                             |
| Auto scanning        | + S           | 1 . Auto Scan automatically scans ports that attached PC or server. Users can set the scan duration in OSD menu and press any key to exit scanning mode.<br>2. Move the mouse to extend scan interval. |
| Invoke OSD main menu | + “space key” | This allows you to invoke OSD main menu （see OSD menu operation ）                                                                                                                                      |

## 7.Specifications

| Model                       |                                     | 4 Port                                  | 8 Port | 16 Port |
|-----------------------------|-------------------------------------|-----------------------------------------|--------|---------|
| Computer Connections        |                                     | 4                                       | 8      | 16      |
| Port Selection              |                                     | Select buttons / OSD menu               |        |         |
| Connector                   | Console                             | 1x HDB-15 Female(blue)<br>2x USB type A |        |         |
|                             | monitor<br>keyboard<br>mouse        |                                         |        |         |
|                             | KVM port<br>(HDB-15 Female(yellow)) | 4                                       | 8      | 16      |
| Cascade port                |                                     | 1x HDB-15 Female(yellow)                |        |         |
| Switch                      | Port selection                      | 4 Key                                   | 8 keys | 16 keys |
| LED indicator               | Online(green)                       | 4                                       | 8      | 16      |
|                             | Selected(orange)                    | 4                                       | 8      | 16      |
|                             | Cascading display                   | 2x 7- Segment (orange)                  |        |         |
| Input power                 |                                     | DC 12V / 2A                             |        |         |
| Video signal                |                                     | 2048×1536; DDC2B                        |        |         |
| Power consumption           |                                     | 3W                                      | 4W     | 6W      |
| Emulation                   | keyboard/mouse                      | USB                                     |        |         |
| Environment<br>requirements | Operating temperature               | 0-50℃                                   |        |         |
|                             | Store temperature                   | -20-60℃                                 |        |         |
|                             | Humidity                            | 0-80%RH, Non-condensing                 |        |         |
| Physical features           | Material                            | metal                                   |        |         |
|                             | Weight                              | 2.2 kg                                  | 2.3kg  | 2.5kg   |
|                             | Dimension                           | 440x169x43mm                            |        |         |

## 8.FAQ

1. The KVM console doesn't work when I connect and use the console for the first time.

Solutions:

- 1) Power off the KVM and disconnect the monitor, keyboard and mouse.
  - 2) Disconnect all the signal cables connected to the KVM.
  - 3) Disconnect all the signal cables connected to the PC, especially those cables with USB port.
  - 4) Make sure the monitor, keyboard and mouse are correctly connected to the KVM console and work properly.
  - 5) Then power on KVM and you hear the boot indicating sound from the beeper, a screen automatically pops up for you to enter the user name and password.
  - 6) Type in the correct user name and password, then the OSD main menu pop up on the screen.
  - 7) Check the KVM console and make sure it can normally switch ports.
  - 8) Connect one server (PC) to one of the KVM ports with signal cable and check port switching function, check the keyboard and mouse, if they are not working, try to re-start the server (PC).
  - 9) After successfully finishing all above steps, gradually add server (PC) to this console until meet your need.
2. There is no pop-up window to type in user name and password or the pop-up window is not normally displayed.

Solutions:

- 1) Check the AC/DC output.
  - 2) Make sure you have heard the indicating sound and the keyboard LED is on after starting up the computer.
  - 3) Check the LED power and make sure the LED signal cable has connected to the KVM console.
3. I can't log in the KVM system after starting computer.

Solutions:

- 1) Make sure the KVM keyboard is working, the user name and password is correct. The default value is blank, you can log in after press Enter.
  - 2) Reconnect the USB keyboard.
4. I can't switch from one port to another after logging in the KVM system.

Solutions:

- 1) Invoke the OSD main menu and check the user name on the top left, make sure the user has got the access permission from the administrator.
- 2) Please contact the distributor or the KVM manufacturer.