产品外观 Appearance

①	接地连接点	Grounding
②	外接控制端口	External control port
③	KVM信号接收端口	KVM Port
④	220V交流电源接口	220V AC Power Socket
⑤	级联控制端口	Daisy Chain control Port
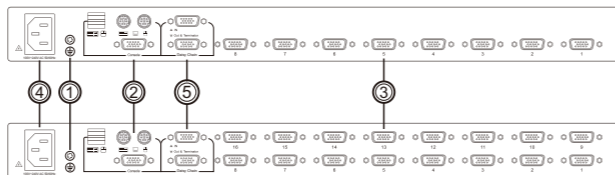
机架安装 Rack Mounting

KVM切换器符合标准19"机柜的安装要求；适用机柜安装深度：600mm/850mm。
The KVM switch can be mounted in 19-inches standard rack with a depth of 600mm-850mm.

方式一：KVM切换器与LCD KVM控制台一起安装
Method 1: Installing the KVM switch with the LCD KVM console

1. 连接KVM切换器安装支架
   Attaching the KVM switch mouting brackets
   使切换器的背面朝向您，用配件袋中的螺钉将较大的卡槽支架连接到切换器左侧，将较小的翼形支架连接到交换机右侧。
   Remove the screws on each side of the switch housing. With the rear of the switch facing you, reuse the screws to attach the larger channel bracket to the left side of the switch and the smaller winged bracket to the right side.
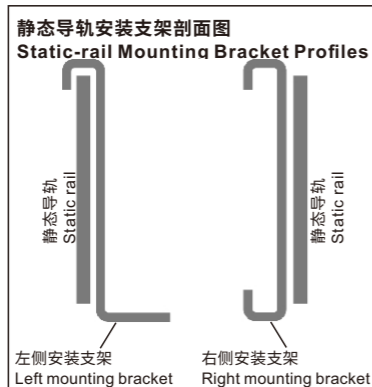
2. 安装LCD静态导轨安装支架
   Installing the LCD static-rail mouting brackets
   面向已安装的LCD的背面，使用随附的硬件将KVM切换器的静态导轨安装支架固定到静态导轨上的孔中。
   Facing the rear of the installed LCD, use the provided hardware to attach the KVM switch's static-rail mouting brackets to the holes in the static rail.
   注意：使用右侧的示意图和下方的剖面图确定左右支架以及安装方向。
   NOTE: Determine the left and right bracket as well as mouting orientation using the illustration to the right and the profile illustration below.

连接KVM交换机安装支架
Attaching the KVM Switch Mounting Brackets

卡槽支架 Channel bracket
翼形支架 Winged bracket
KVM切换器 KVM switch

连接静态导轨安装支架
Attaching the Static-rail Mounting Brackets

静态导轨安装支架剖面图
Static-rail Mounting Bracket Profiles

静态导轨 Static rail
静态导轨 Static rail
左侧安装支架 Left mounting bracket
右侧安装支架 Right mounting bracket

3. 插入KVM切换器组件
   **Inserting the KVM switch assembly**
   将KVM切换器组件插入静态导轨之间的1U空间。
   切换器右侧较小的翼形支架的翼片滑入右侧静态导轨安装支架的上下卡槽。
   切换器左侧较大的卡槽支架的底部置于左侧静态导轨安装支架的底部角撑上。
   Insert the KVM switch assembly into the 1U space between the static rail.
   The wings of the smaller winged bracket on the switch's right side slips into the upper and lower channels of the right static-rail mounting bracket.

插入KVM切换器组件
Inserting the KVM Switch Assembly
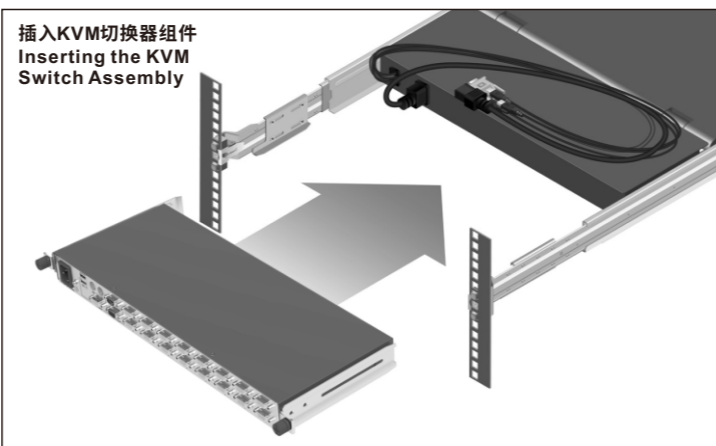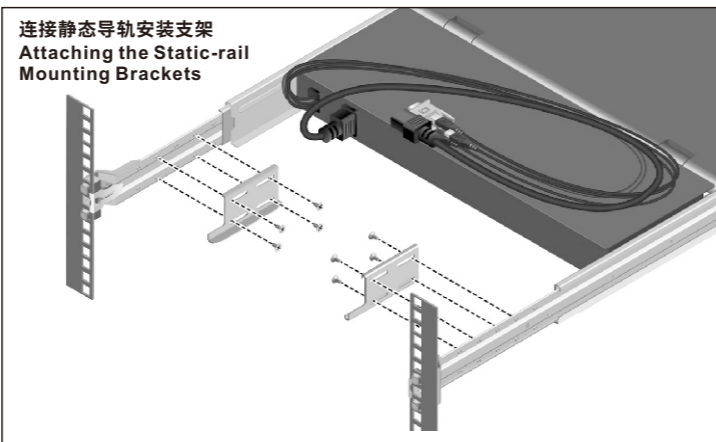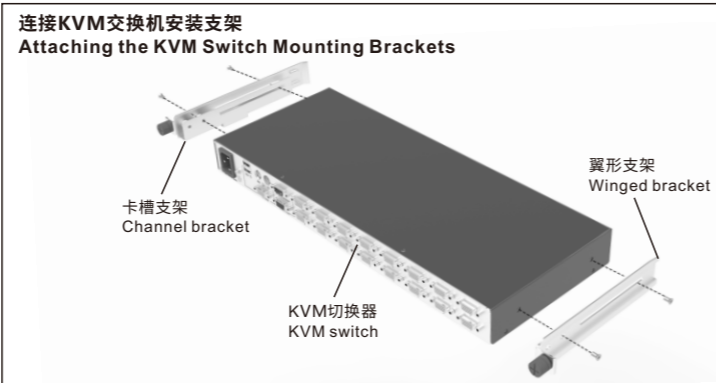
方式二：单独安装
Separate installation

1. 连接KVM切换器安装支架
   Attaching the KVM switch mouting brackets
   使切换器的正面朝向您，用配件袋中的螺钉将支架连接到交换机两侧。
   With the front of the switch facing you, use the screws to attach the bracket to the two sides of the switch.
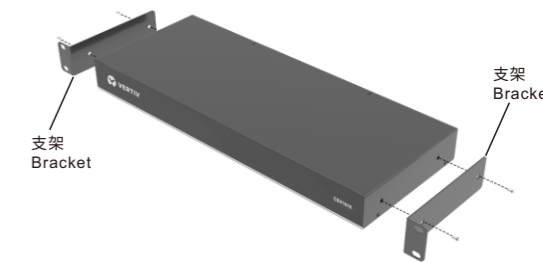
2. 安装KVM切换器组件
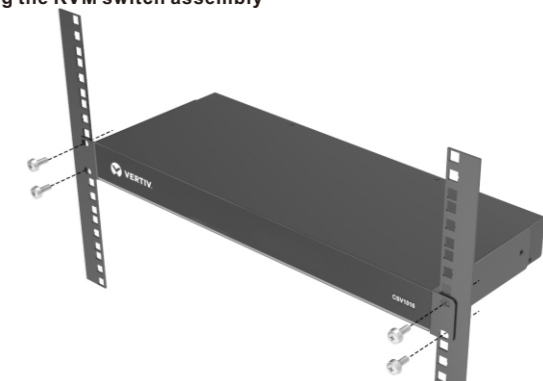   **Installing the KVM switch assembly**
   用随附的螺钉将KVM交换机组件连接到机柜的两侧。
   Use the screws to attach the KVM switch assembly to the two sides of the rack.

连接KVM切换器安装支架
Attaching the KVM switch mouting brackets

支架 Bracket
支架 Bracket

安装KVM切换器组件
Installing the KVM switch assembly

设备连接 Connecting Equipment

LCD控制台与计算机的连接方式如下：
As shown, connect computers to the LCD console:

注意：黑色USB连接线必须连接到交换机USB接口上，否则会影响鼠标键盘功能。
Note: The black USB cable must be connected to the USB interface of the switch, otherwise the function of the mouse and keyboard will be affected.

CLRA19KMM-LCD Console

黑色USB连接线，必须连接
Black USB cable must be connected

LCD控制台
LCD Console

CSV1016

电源线
Power Cable

KVM信号线
KVM Signal Cable

级联线
Cascade Cable
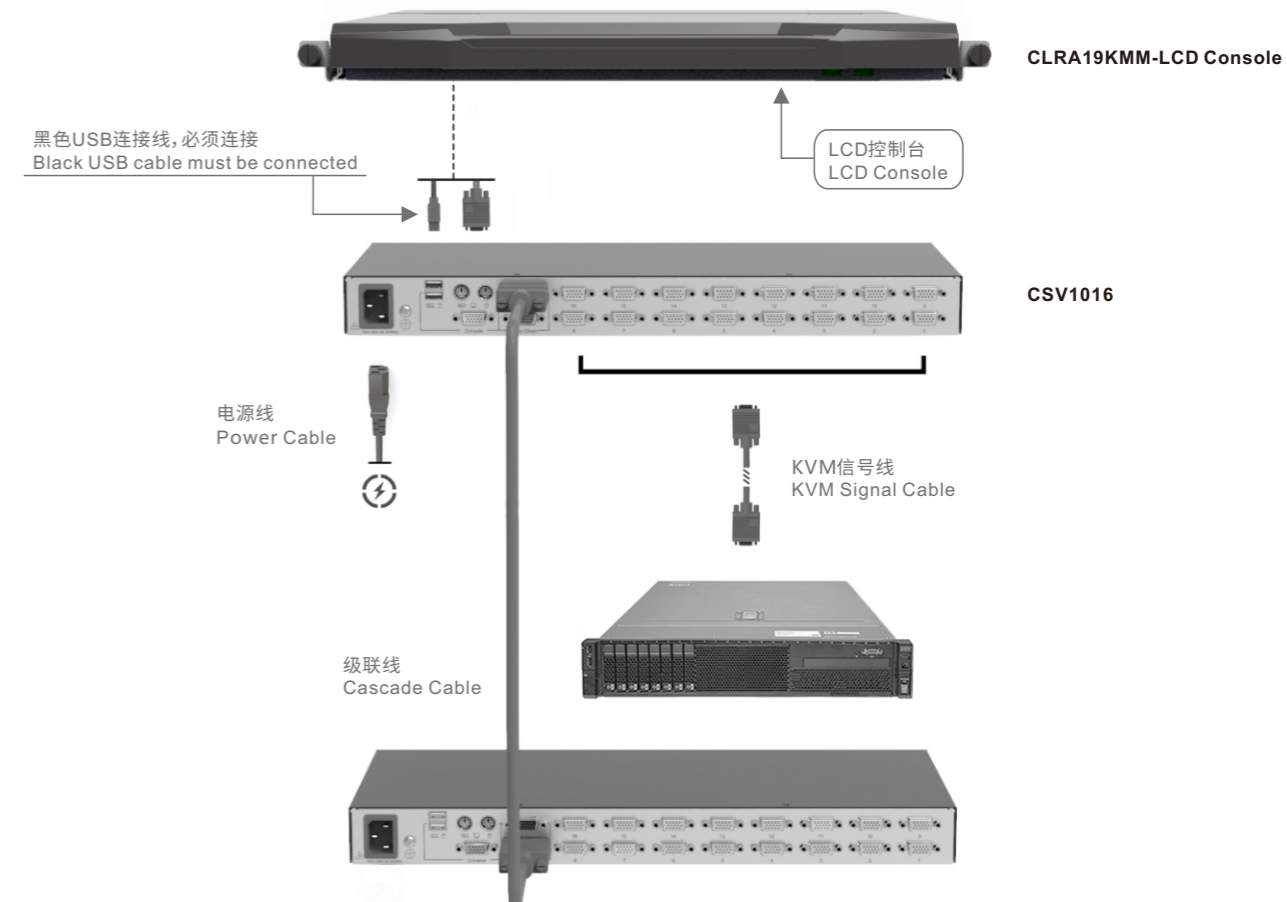
⊙ 启动KVM切换器后, 显示屏会显示出OSD窗口提示输入用户账号与密码。（默认管理员账号与密码为空值, 即直接按两次回车键确定即可。）

⊙ After the KVM Switch starts up, the monitor will show the window prompting you for a user name and password (The default user name and password are set to "null", simply press [Enter] twice to enter the system.)

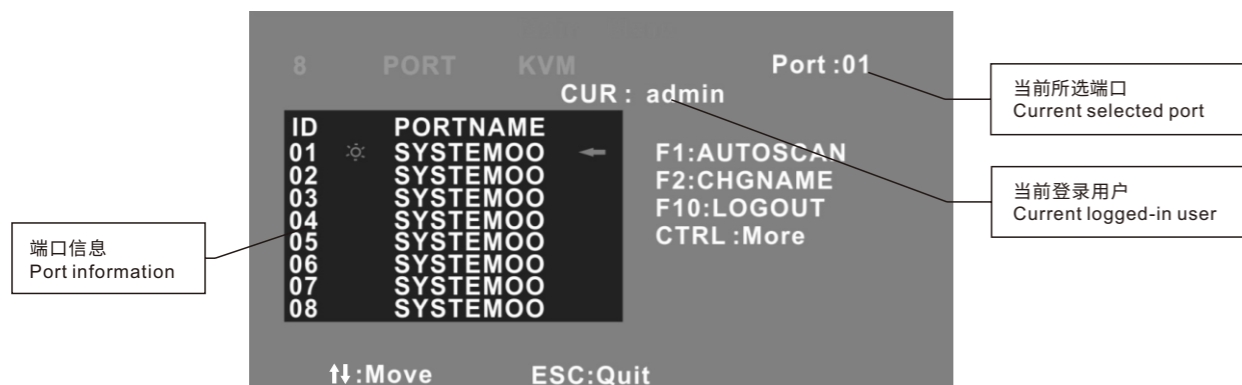## OSD 菜单 OSD Menu

热键命令说明
Hotkey commands

功能名称 Function	操作方法 Operation instruction	功能描述 Description
OSD主菜单 OSD Main Menu	Caps Lock + Caps Lock + Space	调出OSD操作的主菜单。 Pop up the KVM OSD.
	单击Click [KVM OSD]	
端口切换 Port Selection	Caps Lock + Caps Lock + ↑/↓	切换到上一个或下一个端口。 Switch to the previous or next port.
	[KVM OSD] +[1~0]	对应切换至端口1~端口10。 Switch to the corresponding port [1 ~ 10].
	[KVM OSD] +[F1 ~ F6]	对应切换至端口11~端口16。 Switch to the corresponding port [11 ~ 16].
恢复出厂设置 Restore factory settings	Caps Lock + Caps Lock + F9 + F11	管理员可将KVM OSD恢复到出厂设置。 The KVM OSD can be reset to the default setting by administrator.

单击OSD功能键，调出OSD主菜单。
Press the OSD key to pop up the OSD main menu.

按两次热键（默认热键是"Caps Lock"），然后在4秒内按下空格键，也可以调出OSD主菜单。
Press the hotkey (default hotkey is CapsLock) twice, then press the "space bar" within 4 seconds to open the OSD menu.
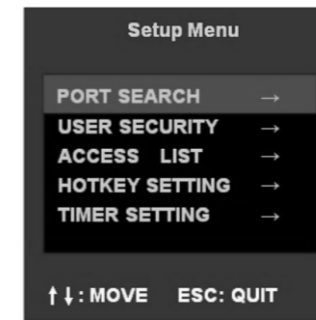
```
8   PORT   KVM          Port :01
              CUR : admin

ID    PORTNAME
01 ☼  SYSTEMOO    ←      F1:AUTOSCAN
02    SYSTEMOO           F2:CHGNAME
03    SYSTEMOO           F10:LOGOUT
04    SYSTEMOO           CTRL :More
05    SYSTEMOO
06    SYSTEMOO
07    SYSTEMOO
08    SYSTEMOO

   ↑↓:Move     ESC:Quit
```

当前所选端口
Current selected port

当前登录用户
Current logged-in user

端口信息
Port information

主菜单操作说明
Main Menu Instructions

功能名称 Function	操作方法 Operation instruction	功能描述 Description
自动扫描 Autoscan	F1	在自动扫描模式下，切换器将自动扫描并预览所连接计算机的信息，OSD菜单会显示被扫描到的计算机的名称。 In "Autoscan" mode , the KVM Switch will automatically scan and preview information about the connected computer, and the KVM-OSD will display the name of the computer to be scanned.
端口重命名 Chgname	F2	修改或者重命名被选择端口，最长8个字符。 有效字符为："a-z"，"0-9"，命名时大写字母自动转换为小写。 Rename the selected port, and the name can be up to 8 characters. The valid characters for the name are "a-z", "0-9", When naming uppercase letters are automatically converted to lowercase.
注销 Logout	F10	注销当前登录用户，返回到登录界面。 Log out the currently logged-in user and return to the login screen.
More	Ctrl	进入次级菜单。 Enter the secondary menu.

在OSD主菜单下按一下"Ctrl"键，弹出次级菜单。
In the OSD main menu, press [Ctrl] to bring up a secondary menu.

```
        Setup Menu

PORT SEARCH        →
USER SECURITY      →
ACCESS  LIST       →
HOTKEY SETTING     →
TIMER SETTING      →

↑↓: MOVE    ESC: QUIT
```

次级菜单操作说明
Secondary Menu Instructions

功能名称 Function	功能描述 Description
端口查找 Port Search	此选项可用于查找端口。 在搜索端口名称编辑栏输入所要查找的端口的部分或全部名称，系统自动筛选符合条件的端口。 This option can be used to search ports. Enter all or part of the port name in the search bar, the system will automatically displays the qualified port.
用户安全 User Security	此选项可用于设置或更改用户密码。（注意：只有管理员才可执行此功能） This option can be used to set up or change a user password. Note: Only the administrator can perform this function.
访问权限 Access List	此选项可用于设置各用户的访问权限。 此界面显示各个端口对应用户访问权限"√"表示可以访问； "×"表示不可访问（管理员的访问权限为最高，所有端口均可访问）。 This option can be used to set user access rights. This screen displays the port corresponding to each user access. "√" stands for enable, "×" stands for disable. (Administrators have the highest access).
热键设定 Hotkey Setting	此选项可用于设定热键。 默认热键"Caps Lock"，可供选择的热键有："Ctrl"、"Scroll Lock"、"Caps Lock"。 This option can be used to set hotkey. The default hotkey is "Caps Lock" . The alternative hotkey are: "Ctrl", "Scroll Lock", "Caps Lock".
扫描间隔 Timer Setting	此选项可用于设定扫描的时间。 默认间隔"3 SEC"，可供选择的间隔有："3 SEC"、"8 SEC"、"15 SEC"、"30 SEC"。 This option can set the scan time. The default time is 3 seconds. The alternative option are: "3 SEC", "8 SEC" ,"15 SEC" ,"30 SEC".

※ 注意:在更改密码后, 用户应该注意保存好自己的密码, 切勿遗忘, 若遗忘则要将产品返回到制造商处重新设定。
※ Note: After changing the password , the user should pay attention to save your password and don't forget, otherwise the product need to be returned to the manufacturer to reset the password.

产品规格 Product Specification

名称 Name		规格参数 Specification	
KVM切换功能 KVM Switch Fuction	计算机连接数量 Connection Number	8	16
	连接端口选择 Connection Port Selection	OSD菜单、键盘热键 OSD，Hotkey	OSD菜单、键盘热键 OSD，Hotkey
接口 Interface	连接端口 Connection Port	8xHDB-15	16xHDB-15
电源输入 Power Supply Module		100V~240V AC	
功耗 Power Consumption		≤10W	
工作环境 Work Environment	工作/存储温度 Operating/Storage Temperature	0-40℃ / -20~60℃	
	工作/存储湿度 Operating/Storage Humidity	20-80% / 10-90% RH无凝结	
物理特性 Physical Properties	机器净重 Weight	2.4kg	2.5kg
	整机尺寸(长x宽x高) Whole Machine Size (LxWxH)	432mm x 172mm x 44mm	