

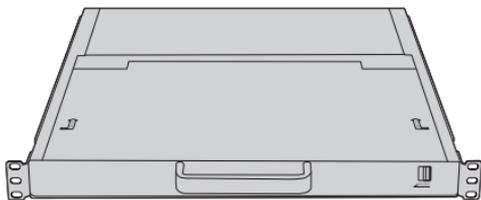
Cat5e/6/7 Rack-Mount USB

KVM SWITCHES

Quick Start Guide **V1.0**

Introduction

Thank you for choosing FS KVM switches. This guide is designed to familiarize you with the layout of the KVM switch and describes how to deploy it in your network.



KVM-160217IP/KVM-080217IP



KVM-0802IP

Accessories



AC Power Cord x1



Cat5e Patch cable x1



RJ45 to VGA Interface
Module x8/16



USB Flash Disk x1



Grounding Wire x1



Rack-mount Kit x2



Front Bracket x2



Screw x8



NOTE: The number of RJ45 to VGA Interface Module for KVM-0802IP and KVM-080217IP is 8, and KVM-160217IP is 16. Rack-mount Kit is provided for KVM-080217IP and KVM-160217IP only.

Hardware Overview

Front Panel Buttons



Buttons	Components	Function
1~8/16	Port Selection	Switch freely from port 1 to port 8/16.
1	Reset	Press [1] and [2] at the same time for three seconds to reset the keyboard and mouse.
2		
3	Brightness	First, press the port button which is going to be set. Then start to adjust the mode. Press [3] for three seconds to enter brightness adjusting mode. Number 33 is flashing on the LED tube. Then press [5] and [6] to adjust. Press [3] to exit or wait for five seconds and it will auto-exit.
4	Definition	First, press the port button which is going to be set. Then start to adjust the mode. Press [4] for three seconds to enter definition adjusting mode. Number 44 is flashing on the LED tube. Then press [5] and [6] to adjust. Press [4] to exit or wait for five seconds and it will auto-exit.
5	Adjust +	Press [5] to enhance the brightness after entering brightness adjusting mode, or enhance the definition after entering definition adjusting mode.

6	Adjust -/Initialize	Press [6] to reduce the brightness after entering brightness adjusting mode, or reduce the definition after entering definition adjusting mode. Press [6] for three seconds to initialize the brightness and definition of each port.
7	Scan	Press [7] and [8] at the same time for three seconds to enter the auto scan mode.
8		

LED OSD Controls

KVM-080217IP/KVM-160217IP



Buttons	Function
AUTO/EXIT	Press this button to exit the current menu and return to the previous menu or exit the LED OSD, or enter automatic configuration.
SL-/SL+	Press this button to move your menu to make corresponding adjustment.
MENU SELECT	Press this button to invoke the menu function and open the main menu.

Front Panel LEDs

KVM-080217IP/KVM-160217IP



LED State	Description
Green	KVM is powered on.
Red	Power off or access non-standard VESA signal.
Flashing Green	Energy saving mode or no signal.



LEDs	Status	Description
Power	Blue	KVM is powered on.
Online LED lights	Green	KVM has been connected to its corresponding computer and powered on.
Selected LED lights	Orange	The computer attached to its corresponding port is up and running.
Station ID	/	Display the current port.

Front Panel Ports



Ports	Description
FW UPGRADE-NORMAL RECOVER	Reserved port for hardware upgrading.
UPGRADE	Reserved port for hardware upgrading.

Rear Panel Ports



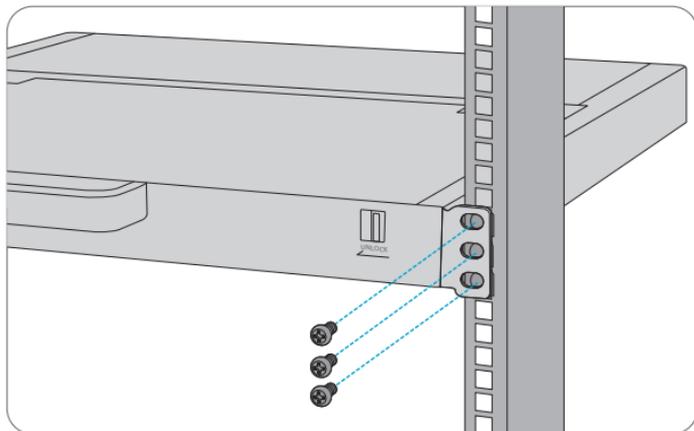
Ports	Description
Power Input (AC)	A power input port for AC power cord.
Power Switch	Turn on/off the power.
Power Input (DC)	A power input port for DC power cord.
LAN Port	Connect the remote computer for remote control.
USB Port	Connect external keyboard, mouse and monitor for local control.
HDMI Port	
RJ45 Ports	Connect computer or server.
Ground Connecting Screw	For grounding the KVM Switch.
RS485 Port	Reserved port for hardware upgrading.

Site Environment

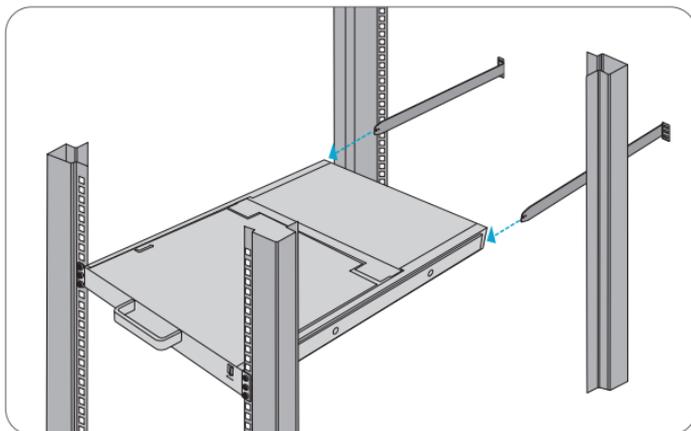
- Do not operate it in an area that exceeds an ambient temperature of 40°C or nearby heat sources.
- The installation site should be well ventilated.
- Be sure that the KVM switch is level and stable to avoid any hazardous conditions.
- Do not install the equipment in a dusty environment.
- The installation site must be free from leaking or dripping water, heavy dew, and humidity.

Installing

Rack Mounting



1. Attach the switch to the rack using six M6 screws and nuts.

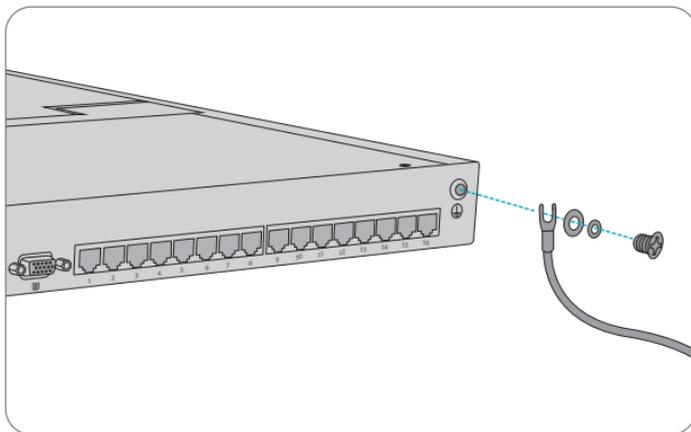


2. Slide the rack-mount kit into the switch's side mounting brackets from the back to the front, then screw the rack-mount kit to the rack.



NOTE: The rack-mount kit is provided for KVM-080217IP and KVM-160217IP only.

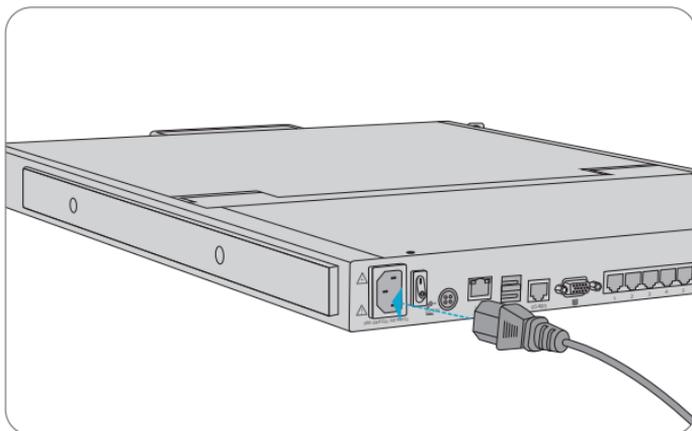
Grounding the KVM Switch



1. Connect one end of the grounding wire to a proper earth ground, such as the rack in which the KVM switch is mounted.

2. Secure the grounding lug to the grounding point on the KVM switch's back panel with the washers and screws.

Connecting the Power



1. Plug the provided AC power cord into the power port on the back of the KVM switch.
2. Connect the other end of the power cord to an AC power source.
3. Open the power switch on the rear panel.

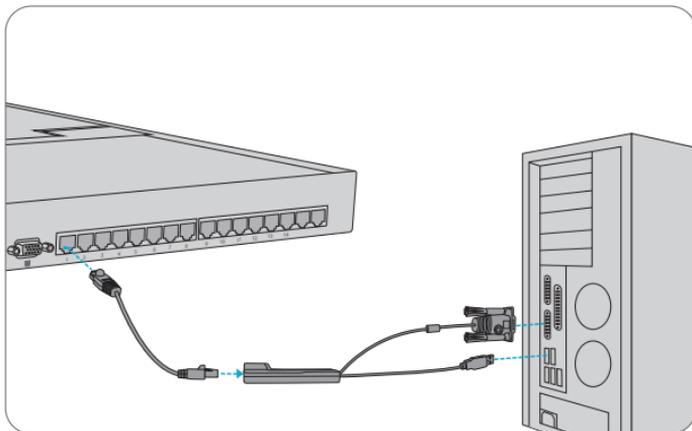


WARNING: Do not install power cables while the power switch is on.



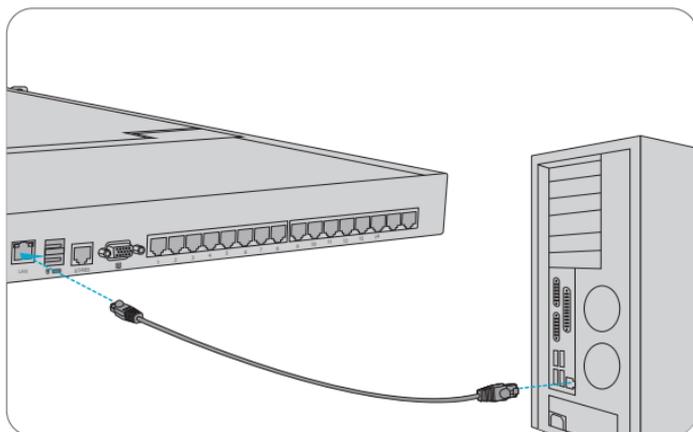
NOTE: DC power cord is not included in the package.

Connecting to the RJ45 Ports



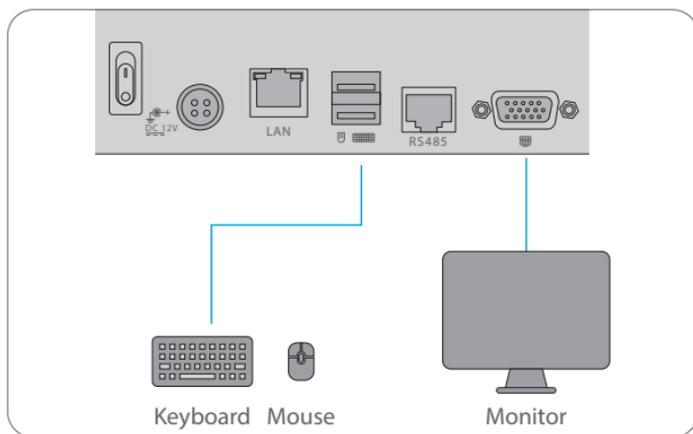
1. Connect an Ethernet cable to the RJ45 port of the KVM switch.
2. Connect the other end of the Ethernet cable to the RJ45 port of the supplied RJ45 to VGA Interface Module and then connect the VGA port of the Module to a server or computer.

Connecting to the LAN Port



1. Connect an Ethernet cable to the RJ45 port of a server or computer.
2. Connect the other end of the Ethernet cable to the LAN port of the switch.

Connecting to USB and HDMI Ports

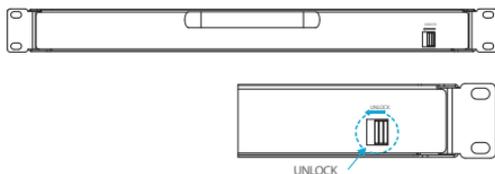


Connect external keyboard, mouse and monitor (optional).

Opening & Closing the Console

KVM-080217IP/KVM-160217IP

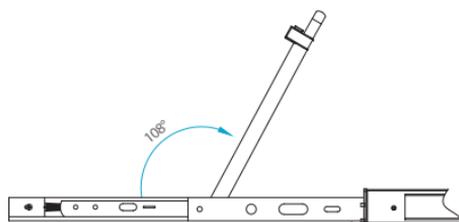
Opening the Console



1. Release the lock and pull the KVM console.

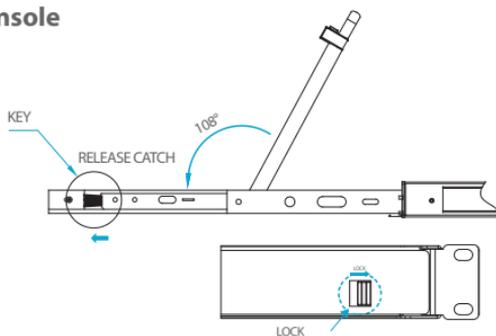


NOTE: The lock can only do horizontal locking, it can't bear any load.



2. Pull the KVM console all the way out until it clicks into place;
3. Open the LED panel to display the LED screen; the LED panel can be rotated up to 108°.

Closing the Console



1. Close the LED panel and the power will automatically shut down.
2. Push the release catch in the direction of the arrow; push the LED panel all the way in until it automatically locks up.
3. Lock the LED panel.

Local Control

Step 1: KVM-080217IP and KVM-160217IP can be set with its' own keyboard and LED screen. While KVM-0802IP can be set with the external keyboard, mouse and monitor connected to the USB and HDMI port of the KVM rear panel.

Step 2: Release the lock, pull the KVM console from server rack and open the screen.

Step 3: There will be two "beeps" after the KVM powering on. The ONLINE LED lights on front panel keep green flashing and an UI window appears for you to input user name and password.

User Name: admin

Password: admin



The screenshot shows the login screen for the FS KVM Switch. At the top center is the FS logo, consisting of a stylized 'F' inside a circle followed by the letters 'FS'. Below the logo is the text 'Welcome to FS KVM Switch'. There are two input fields: 'Usermar' with the text 'admin' entered, and 'Password' with six asterisks '*****' entered. Below the password field are three checkboxes: 'Keep Password' (unchecked), 'Keyboard' (checked), and 'Cleartext' (unchecked). At the bottom center is a dark grey button with the text 'Login' in white.

Remote Control

Step 1: Remote control setting is worked through the computer connected to the LAN port of the KVM rear panel.

Step 2: Open the IE browser, click top-right settings → [Internet Options]

Step 3: Click [Security] → [Custom Level]

Step 4: Find [ActiveX controls and plugins], choose [Enable]

Step 5: Click [Advanced], find [Allow software to run or install even if the signature is invalid] and select it.

Step 6: If you want to set other IP address, please enter Local [System Setting] → [Network Setting].



NOTE: Please remember the IP address for remote control.

Step 7: Open an explorer, enter 192.168.1.167, the interface shows below:

User Name: admin

Password: admin



The screenshot shows the login page for the FS KVM Switch. At the top center is the FS logo, which consists of a stylized 'F' inside a circle followed by the letters 'FS'. Below the logo is the text 'Welcome to FS KVM Switch'. There are two input fields: the first is for the username, containing the text 'admin', and the second is for the password, containing six asterisks. To the right of the password field is a language dropdown menu set to 'English'. At the bottom center is a dark grey button with the text 'Sign in'.

After logging in for the first time, a prompt for "loading the ActiveX" will appear below the browser. Clicking "Allow" to bring up the "Download Video Plugin" dialog box. Click "OK" to use the video plugin.



NOTE: For security, please change the password after first login. Differentiating between capital and lowercase letters.

Online Resources

- Download <https://www.fs.com/download.html>
- Help Center https://www.fs.com/service/help_center.html
- Contact Us https://www.fs.com/contact_us.html

Product Warranty



Warranty: FS KVM Switches enjoy 2 years limited warranty against defect in materials or workmanship. For more details about warranty, please check at

<https://www.fs.com/policies/warranty.html>



Return: If you want to return item(s), information on how to return can be found at

https://www.fs.com/policies/day_return_policy.html

Q.C. PASSED

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