SD-MV-KM43

4K60Hz KVM with Multiviewer & Matrix Switch

Overview

The SD-MV-KM43 multiviewer with KVM is designed to display multi video inputs anywhere & anysize onto one or two displays. It features four HDMI inputs supporting up to 4K and 2 HDMI outputs with resolution up to 4K as well. It also provides a HDMI loop out for any one of 4 inputs and 1 analog output for audio processing. It is extremely flexible and seamless switching capable multiviewer making it perfect for applications such as broadcasting, security, boardroom, TV studio and so on.

SD-MV-KM43 supports KVM for all 4 HDMI input signals. Customers can display all 4 PC signals onto signal monitor and KVM control them simultaneously or customer can display those 4 PC signals onto two monitors and use the 'move and switch' feature to control them which means that the very same set of keyboard & mouse can move freely between two screens when 2 HDMI outputs is set up as 1x2 KVM station. It supports the access to external devices, such as printers, USB disk etc, and all external USB devices can be shared by all 4 PCs simultaneously.

Control is quick and comprehensive on SD-MV-KM43, it can be controlled using buttons at the front panel, the remote control, RS232 commands, or Mouse & keyboard directly.

Features

- 4 x HDMI2.0 inputs and 2 x HDMI2.0 output with resolution up to 3840x2160@60Hz.
- 1 x HDMI2.0 loop out, resolution up to 3840 x 2160@60Hz.
- Support 4 in 2 out matrix switching
- Support Multiview each screen with quad-view, triple view, dual-view and full view
- All signal windows position and size can be adjusted arbitrarily.
- 4 x PC USB/BM input, 2 x USB/AM mouse and keyboard input.
- Support access to external USB devices by 4 PCs simultaneously.
- 3 customized screen layouts save and recall.
- PIP transparency setting, signals switching and scenes save/recall through mouse and keyboard.
- Operate 4 computers at the same time by a set of mouse and keyboard.
- 3.5mm stereo audio output for de-embedding.
- Control by front panel buttons, IR remote control, Mouse & keyboard, RS232(Third party control)

Specifications

Dimension (W x H x D)	280mm x 35mm x 124mm
Net Weight	1Kg
Video Input	4 x HDMI 2.0
Video Input Connectors	Type-A female HDMI
HDMI Input Resolution	Up to 4K@60Hz 4:4:4
KVM Inputs	4 x Male Type B USB
External USB Ports	1 x USB2.0, 1 x USB3.0
Video Output	2 x HDMI, 1 HDMI loop out
Video Output Connector	Type-A female HDMI
HDMI Output Resolution	Up to 4K@60Hz 4:4:4
2 HDMI Outputs Independently	Any 2 inputs to be displayed on each output, any size any where
2 HDMI Outputs Duplication	Up to 4 inputs to be displayed on output, any size any where
Audio Out Connectors	1 x 3.5mm mini jack
Controls	1 x RS232, 2 x USB for keyboard & mouse, 1 x IR Remote
Power supply Input Voltage	Input: AC 100~240V, 50/60Hz; Output: 12V DC 2A.
Power Consumption	22w(Max)
Warranty	2 years
Operating Temperature Range	0~40 degrees centigrade
Operating Humidity Range	10%~90% non-condensing
Storage Temperature Range	-20~60 degrees centigrade
Storage Humidity Range	10%~90% non-condensing

System Diagram