

# SC-KVM0401R-A-MV

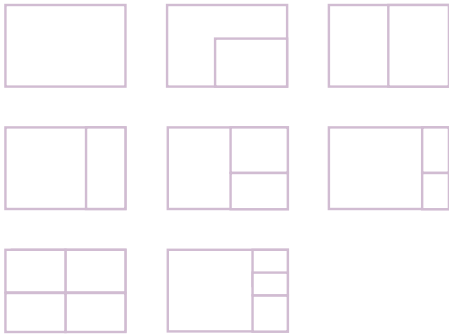
## 4K KVM Switcher

Model Number:#3008242106



### Features

- 4 X HDMI Input
- 1 X HDMI Output
- Supported HDCP 2.2/1.x
- Supported 18Gbps bandwidth
- Supported 4K@60Hz Input and Output
- Seamless switching
- Compact Design
- Built-in 3-port USB 3.1 Gen 1 hub with SuperSpeed 5Gbps data transfer rates, allowing you to share USB peripherals like printer, scanner, webcam and hard disk between computers
- Control RS232, Front Panel Buttons and IR remote
- EDID Management
- Supported De-Embedded audio to analog and fiber audio ports
- Using only 1 set of keyboard, mouse and monitor to control 4 computers
- Multi-viewer 8 x modes Single, PIP, PBP, Triple and Quad



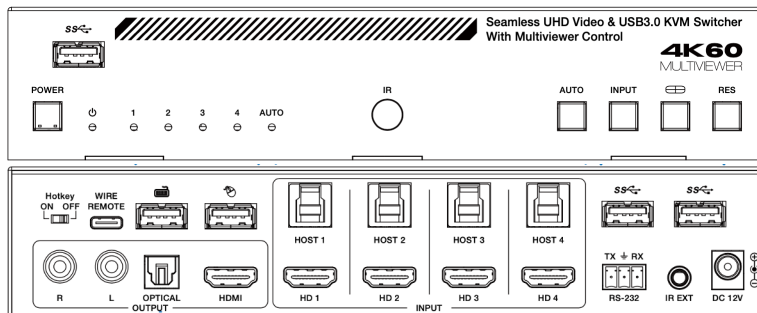
### Product Overview

The 4TheWall 4K60 4x1 Seamless UHD Video & USB 3.0 KVM Switcher is a high-performance device designed to support high-resolution output (up to 4K@60Hz) from multiple sources on a single screen. It seamlessly integrates up to four video signals into one UHD or HD display, allowing users to manage and combine multiple inputs with flexibility, adjust their positioning, and create customized viewing experiences.

- **4x1 Seamless Switching:** Combines up to four video inputs into a single UHD or HD display with smooth, seamless switching between sources.
- **8 Display Modes:** Supports 8 display modes, providing versatile options for users to switch between 4-channel HD input signals. This allows for both single-screen and multi-view display configurations, enabling customized layout arrangements.
- **4K UHD Capability:** Supports a full range of input resolutions up to 4K@60Hz (Reduced Blanking - RB), ensuring clear and crisp video quality.
- **Adjustable Input Positioning:** Users can manage each input separately and adjust the position of any input on the screen, offering flexibility in display setups.
- **Advanced Audio Management:**
- **Audio De-embedding:** Supports RCA and Optical (SPDIF) audio de-embedding, enabling integration with external audio distribution systems for enhanced sound management.
- **USB 3.0 KVM Functionality:**
- **High-Speed USB Transmission:** Transmits USB 3.0 signals at speeds up to 5Gbps, providing high-performance KVM (Keyboard, Video, Mouse) functionality. This is ideal for controlling multiple computers or servers from a single console.
- **Flexible Control Options:** Allows for direct switching through buttons on the front panel, IR remote control, and hotkeys via keyboard/mouse connected to dedicated USB ports.
- **Multi-OS Support:** Compatible with various operating systems, including Windows, Mac OS, and Linux, with no driver installation required. The plug-and-play setup simplifies deployment and operation.
- **Comprehensive Control Methods:** Offers multiple control options, including front panel buttons, IR remote, keyboard/mouse hotkeys, OSD menu navigation, Controller software, and RS-232 commands for integration with advanced control systems.

### Applications

- **Control Centers and Monitoring Rooms:** Ideal for environments requiring seamless switching and control over multiple video sources on a single screen.
- **Broadcasting and Video Production:** Perfect for managing and displaying multiple video feeds with high resolution and flexible control.
- **Corporate and Conference Rooms:** Suitable for collaborative setups where multiple inputs need to be displayed, controlled, and switched seamlessly.





# SC-KVM0401R-A-MV

## 4K KVM Switcher

Model Number:#3008242106

### Technical Specifications

#### Input and Output

Inputs	4 x HDMI 2.0b Type A (19-pin female) 4 x USB 3.0 Type-B Host
Outputs	1 x HDMI 2.0b Type A (19-pin female), 1 x L/R Stereo (RCA), 1 x Optical Out 2 x USB 2.0 Type-A 2 x USB 3.0 Type-A
Inputs Resolution	Up to 4K@60Hz
Outputs Resolution	Up to 4K@60Hz

#### General Features

Video Bandwidth	18Gbps
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2, YCbCr 4:2:0
Color	8/10/12bit
HDCP	2.2 and 1.x
Audio Formats	<b>Analog:</b> PCM2.0, <b>HDMI:</b> PCM2.0/5.1/7.1 CH, Dolby Digital/Plus and DTS/DTS (HR), <b>SPDIF:</b> Dolby Digital DTS 5.1

#### Management Features

Management and Control	Hotkey Keyboard, IR Remote Control, RS232 (3pin Phoenix) with API
------------------------	---

#### Others

Power Connection	DC 12V/2.5A (US/EU standard) (Locking connector), AC 100-240V 50/60Hz
Working Temperature	32 - 104°F / 0 - 40°C
Humidity Range	20 - 90% RH (no condensation)
Storage Temperature	-4 - 140°F / -20 - 60°C
Dimensions	220mm × 100mm × 44mm - Width/Depth/Height, Metal Enclosure
Weight	443g
Power Value/Consumption	18.48W
Mounting	Desktop / Rack Mount
ESD Protection	±8kV (Air-Gap Discharge) & ±4kV (Contact Discharge)

#### Certifications

EU/USA	CE/FCC/UL
--------	-----------

#### Package Details

Package Contents	1 x 4K60 4x1 Seamless UHD Video & USB 3.0 KVM Switcher 1 x IR Remote 1 x 3pin-3.81mm Phoenix Connector (male) 1 x Fixed Frequency 38KHz IR Receiver Cable (1.5 meters) 2 x Mounting Ear 4 x Machine Screw (KM3*4) 4 x USB Cable (USB 3.0 AM to BM, 1.8 meters) 1 x 12V/2.5A Locking Power Supply 1 x User Manual
------------------	--