

SC-KVM0402R-A-HDP

4K KVM Switcher

Model Number:#3008242257



Features

- 2 X HDMI and 2 x DP Input,
- 2 X HDMI Output
- Supported HDCP 2.3
- Supported 18Gbps bandwidth
- Supported 4K@60Hz Input and Output
- Auto switching
- Compact Design
- Control RS232, Front Panel Buttons and IR remote, Hotkey Keyboard
- 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

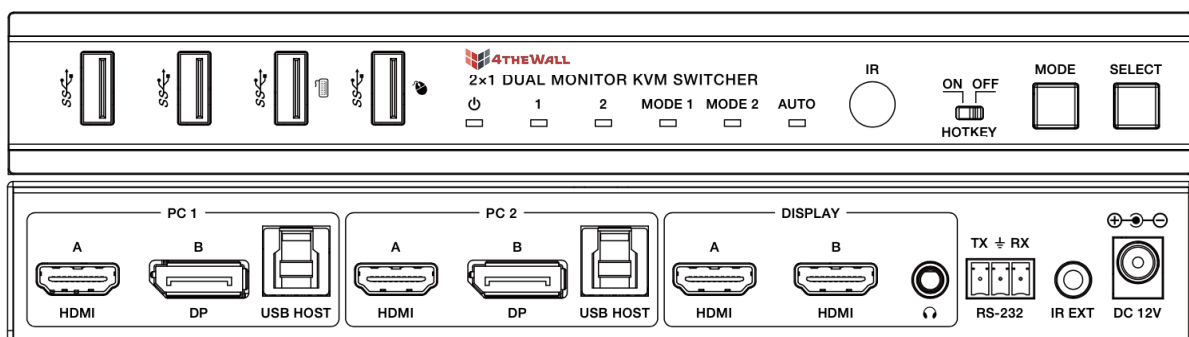
Product Overview

The 4TheWall 2x1 KVM Switcher is designed to provide efficient control and seamless switching between two computers, sharing dual monitors and USB devices with ease. Supporting high resolutions up to 4K@60Hz 4:4:4 8-bit and fast USB 3.0 transmission up to 5Gbps, this switcher is perfect for users who require high-performance video and data handling across two systems.

- **Dual-Channel Switching:** This 2x1 KVM Switcher allows users to share two monitors and USB peripherals (keyboard, mouse, etc.) between two PCs, providing flexibility in managing dual setups.
- **Hotkey Switching:** Supports hotkey switching through a keyboard or mouse connected to a dedicated USB port, allowing quick and easy switching between computers without needing to touch the switcher.
- **Supports 4K@60Hz 4:4:4 8-bit Resolution:** Delivers superior video quality with vivid colors and sharp images, ideal for professional and multimedia applications requiring high-definition displays.
- **USB 3.0 Transmission:** Transmits USB 3.0 signals up to 5Gbps, ensuring fast and responsive KVM functionality for seamless data transfer and control across devices.
- **Automatic Wake-Up:** Features a virtual interaction function that automatically wakes up connected PCs that are in standby mode, reducing switching time and enhancing workflow efficiency.
- **Front Panel Buttons:** Offers easy and direct switching with buttons on the front panel, making it convenient to manage the KVM switcher.
- **IR Remote Control:** Allows for remote switching, providing flexibility for users who need to manage the switcher from a distance.
- **Hotkey Switching via USB Port:** Enables fast switching through keyboard/mouse hotkeys connected to the dedicated USB port, streamlining control.
- **Multi-OS Compatibility:** Compatible with various operating systems, including Windows, Mac OS, and Linux. No additional drivers are required, ensuring a simple plug-and-play setup.
- **USB Ports:** USB 3.0 ports supporting data transmission speeds up to 5Gbps for KVM functionality.
- **Virtual Interaction Function:** Automatically wakes up PCs from standby mode for faster switching.
- **Compatibility:** Works with Windows, Mac OS, and Linux without any driver installation.

Applications

- **Professional Workstations:** Ideal for environments where dual systems need to be managed simultaneously with shared monitors and peripherals, enhancing productivity and efficiency.
- **Multimedia and Creative Studios:** Suitable for professionals who require seamless switching and control between two computers for design, editing, and other creative work.
- **Home Offices:** Perfect for managing multiple PCs for both work and play, allowing easy control and switching between devices.



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Technical Specifications

Input and Output	
Inputs	2 x HDMI 2.0b Type A (19-pin female) 2 x DP 1.2a 2 x USB 3.0 Type-B Host
Outputs	2 x HDMI 2.0b Type A (19-pin female), 1 x L/R Stereo (3.5mm), 4 x USB 2.0 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	2.3
Audio Formats	Analog: PCM2.0, HDMI: PCM2.0/5.1/7.1 CH, Dolby Digital/Plus and DTS/DTS (HR), SPDIF: 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/1A (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	270mm × 100mm × 30mm - Width/Depth/Height, Metal Enclosure
Weight	626g
Power Value/Consumption	5.28W
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 2x1 HDMI/DP Dual Monitor 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 USB Cable (USB 3.0, Type A to Type B, 1.8 meters) 4 x HDMI Cable (male to male, 1.5 meters) 2 x Mounting Ears 4 x Machine Screws (KM3*4) 1 x 12V/1A Multinational Locking Power Supply 10 1 x User Manual