

PANIO CQ4120K

4K 60Hz HDMI2.0 Multi-screen Switcher

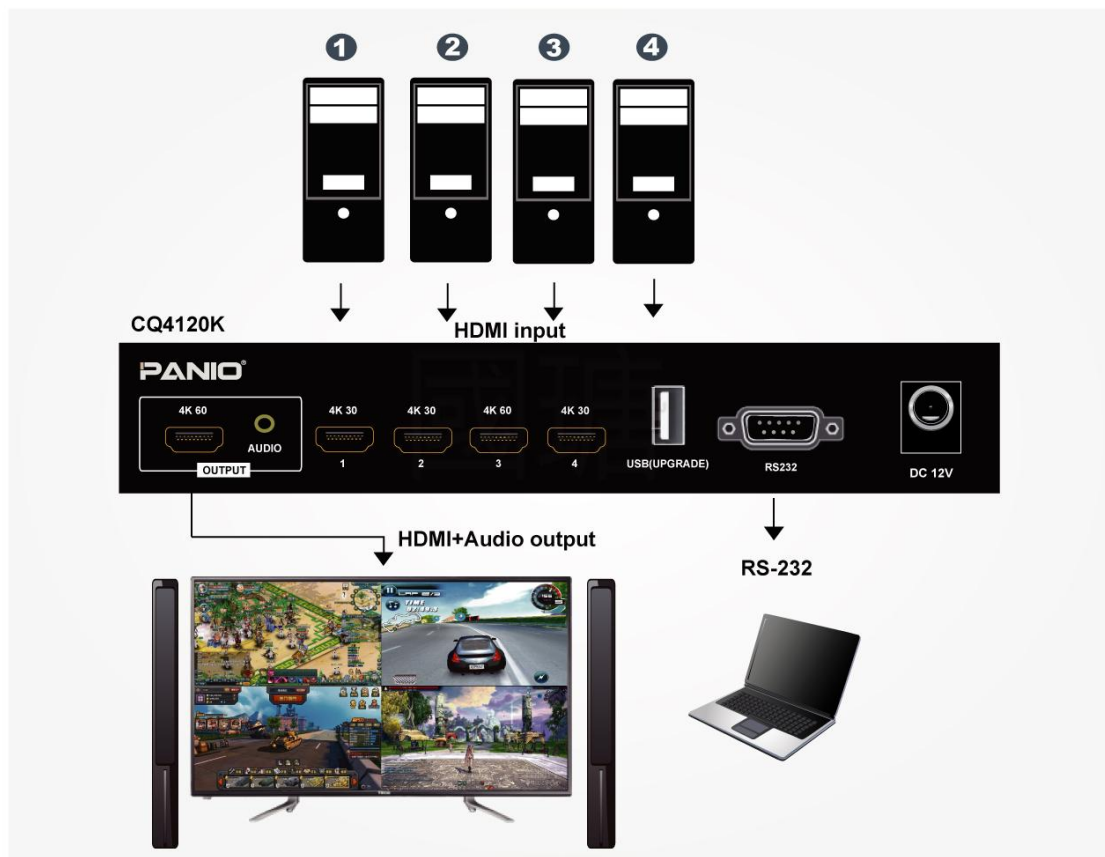
Product Overview

The CQ4120K is a high-performance 4K 60Hz HDMI2.0 multi-screen switcher, designed to handle multiple HDMI signals with exceptional flexibility. It supports various display modes and high-resolution outputs, making it perfect for professional environments like conference rooms, control centers, and multimedia setups where seamless multi-source display management is essential.

Key Features

- **Multiple Input Ports:** Equipped with 4 HDMI signal inputs, including 1 HDMI2.0 port (supporting up to 3840x2160 @60Hz) and 3 HDMI1.4 ports (supporting up to 3840x2160 @30Hz), ensuring compatibility with a wide range of devices.
- **Versatile Output Resolutions:** Supports output resolutions such as 1920x1080 50Hz, 1920x1080 60Hz, 3840x2160 30Hz, 3840x2160 50Hz, and 3840x2160 60Hz, adapting to different display requirements.
- **Customizable via RS-232:** RS-232 commands allow setting up to 6 output resolutions and 10 scene applications, providing tailored solutions for specific needs.
- **Diverse Picture Modes:** Built-in multiple display modes, including 4-split screen, 3-split screen, 2-split screen, 1 large 1 small picture-in-picture, 1 large 2 small picture-in-picture, and full screen, offering flexible visual arrangements.
- **Screen Rotation:** Supports 90-degree and 180-degree rotation in full-screen mode, and 180-degree rotation for each single screen in 4-split screen mode, enhancing viewing flexibility.
- **Adjustable Display Positions:** In split display mode, the display position can be changed without unplugging the signal source, ensuring convenient operation.
- **Multiple Switching Methods:** Can be controlled via button switching, remote control switching, and RS-232 commands, providing intuitive operation options.
- **Audio Separation:** Utilizes video and audio separation technology, with a built-in 3.5mm audio port for output, allowing connection to additional speakers for sound output.
- **Scene Storage:** Supports remote control and command scene storage function, enabling quick recall of various stored display modes, saving time on repeated setup.

Diagram



Technical Specifications

Parameter	Details
Model Name	CQ4120K
Input Ports	4 x HDMI
Output Ports	1 x HDMI, 1 x 3.5mm audio port
Supported Input Resolutions	1-channel input supports up to 3840x2160 @60Hz; 3-channel input supports up to 3840x2160 @30Hz
Supported Output Resolutions	3840x2160 @60Hz, 3840x2160 @30Hz, 1920x1080 @60Hz
Presentation Display Modes	4-split screen / 3-split screen / 2-split screen / 1 large 1 small picture-in-picture / 1 large 2 small picture-in-picture / full screen

Switching Methods	Remote control, button, RS-232 command
Power Supply	DC 12V
Weight	800g
Dimensions (LxWxH)	223 x 93 x 27mm

Package Contents

- 1 × CQ4120K Multi-screen Switcher
- 1 × Remote Control (Battery not provided)
- 1 × DC12V Adapter
- 1 × User Manual