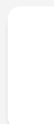


iseevy ISV-TWC9-4K60

ISEEVY ISV-TWC9-4K60 9 Channel 4K60 UHD Video Wall Controller User Manual

Model: ISV-TWC9-4K60 | Brand: ISEEVY



1. INTRODUCTION

The ISEEVY ISV-TWC9-4K60 is a professional 9-channel 4K60 UHD Video Wall Controller designed for creating dynamic and versatile video wall displays. This device allows for the distribution of a single video signal across multiple monitors, enabling various splicing modes and display configurations. It supports high-resolution inputs up to 3840x2160@60Hz and offers features like image rotation and edge masking for seamless visual presentations.

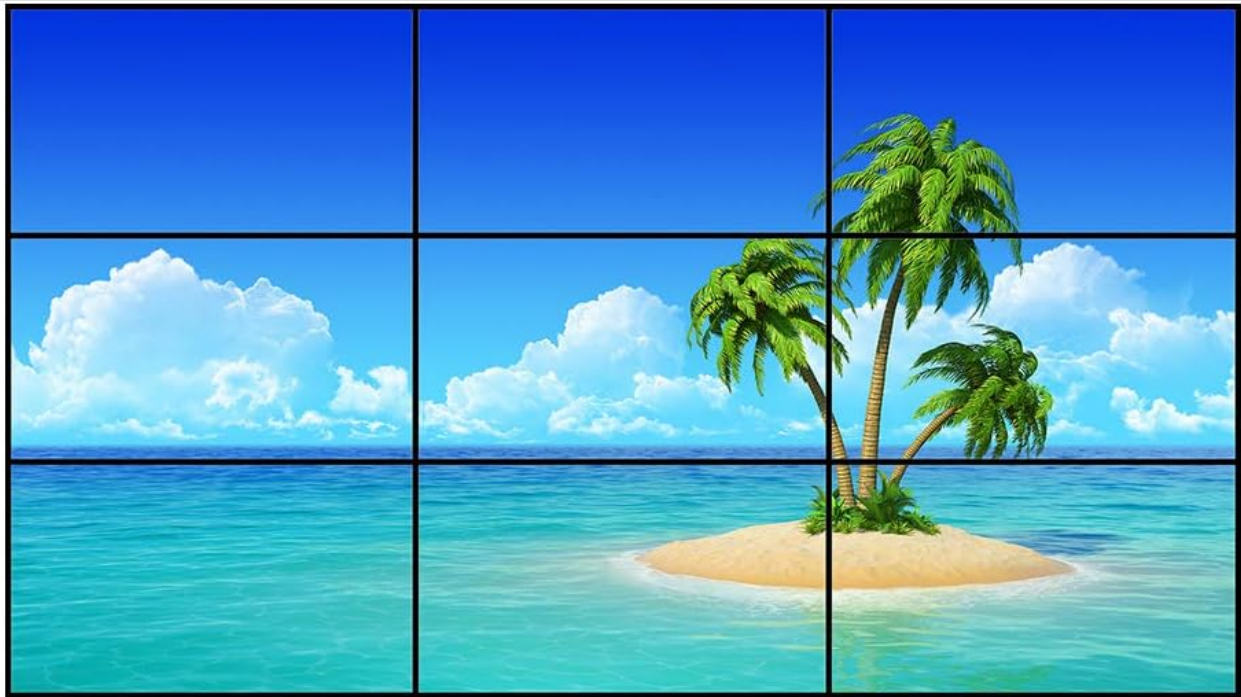


Figure 1: ISEEVY ISV-TWC9-4K60 Video Wall Controller. This image displays the ISEEVY ISV-TWC9-4K60 Video Wall Controller unit positioned below a nine-screen video wall, configured in a 3x3 arrangement, showcasing a vibrant tropical island landscape.

2. SAFETY INFORMATION

- Ensure proper ventilation around the device to prevent overheating.
- Do not expose the device to moisture, rain, or extreme temperatures.
- Use only the provided power adapter.
- Avoid disassembling the unit; refer servicing to qualified personnel.
- Keep the device away from strong magnetic fields.

3. PACKAGE CONTENTS

Please verify that all items are present in your package:

- ISEEVY ISV-TWC9-4K60 Video Wall Controller
- Power Adapter
- Remote Control

4. PRODUCT OVERVIEW

4.1. Front Panel



Figure 2: Front Panel. A front-angle view of the ISEEVY ISV-TWC9-4K60 Video Wall Controller. The front panel features a power indicator, IR receiver, and control buttons labeled SPLICING, SOURCE, MENU, OK, UP, DOWN, LEFT, and RIGHT, along with a '4K Ultra HD' logo.

The front panel provides access to essential controls and indicators:

- **POWER LED:** Indicates power status.
- **IR Receiver:** For remote control operation.
- **Control Buttons:** SPLICING, SOURCE, MENU, OK, UP, DOWN, LEFT, RIGHT for navigation and function selection.

4.2. Rear Panel



Figure 3: Rear Panel. The rear panel of the ISEEVY ISV-TWC9-4K60 Video Wall Controller, displaying multiple HDMI input ports (HDMI1, HDMI2), a DisplayPort (DP) input, an Audio output (3.5mm jack), nine HDMI output ports (HDMI1-HDMI9), and an AC power input with a power switch.

The rear panel houses all input and output connections:

- **HDMI Inputs (HDMI1, HDMI2):** Connect HDMI source devices.
- **DisplayPort (DP) Input:** Connect DisplayPort source devices.
- **Audio Output (3.5mm Jack):** For external audio connection (HDMI outputs do not carry audio).
- **HDMI Outputs (HDMI1-HDMI9):** Connect to individual display monitors.
- **AC Power Input:** Connect the power adapter.
- **Power Switch:** To turn the device on/off.

4.3. Key Features

- Multiple splicing modes with 9 HDMI outputs (e.g., 3x3, 2x4, 4x2, 2x3, 3x2, 2x2, 1x4, 4x1, 1x2, 2x1, 3x1, 1x3).
- Supports 3840*2160 4K@60Hz HDMI 2.0, 3840*2160 4K@30Hz HDMI 1.4, and 3840*2160 4K@60Hz DP 1.2 inputs.
- Allows simultaneous display of multiple input sources.
- Supports multiple display mode presets for quick switching.
- Features 90/180/270 degree rotation and mirror display.
- Includes image cropping and edge mask functions.
- Controllable via front panel buttons and remote control.
- Each HDMI output supports resolutions up to 1920*1080P@60Hz.

5. SETUP AND INSTALLATION

5.1. Connection Diagram

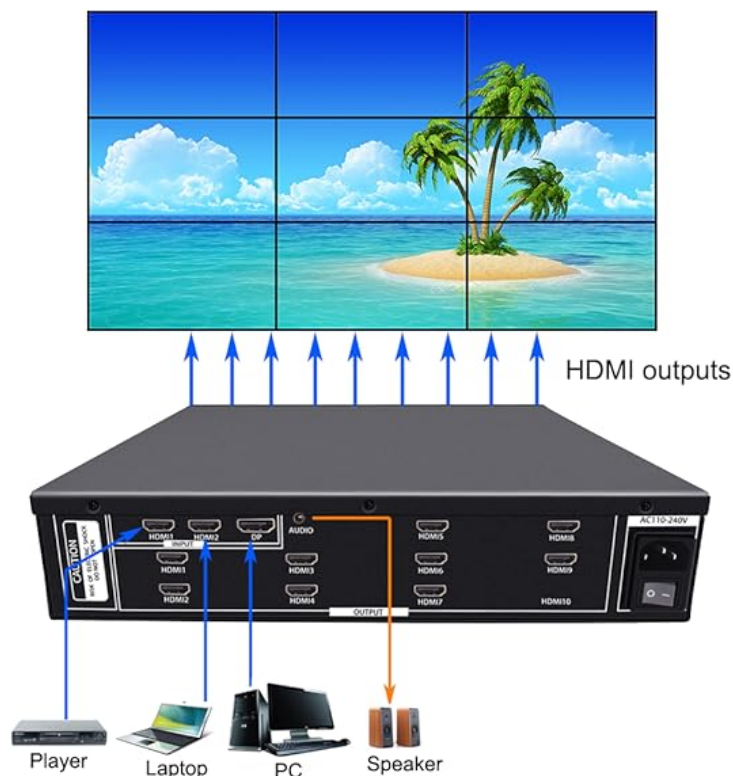


Figure 4: Connection Diagram. This diagram shows how to connect various input devices such as a player, laptop, and PC to the HDMI and DisplayPort inputs of the ISEEVY Video Wall Controller. The controller's nine HDMI outputs are then connected to individual screens forming a 3x3 video wall. An audio output is also shown connected to external speakers.

5.2. Installation Steps

1. **Connect Input Sources:** Connect your HDMI (e.g., media player, laptop) or DisplayPort (e.g., PC) source devices to the corresponding input ports on the rear panel of the controller.
2. **Connect Output Displays:** Connect up to nine display monitors to the HDMI output ports (HDMI1-HDMI9) on the rear panel. Ensure each display is powered on.
3. **Connect Audio (Optional):** If external audio is required, connect speakers or an audio system to the 3.5mm Audio output jack.
4. **Power On:** Connect the provided power adapter to the AC power input on the controller and plug it into a power outlet. Flip the power switch to the ON position.
5. **Initial Configuration:** Once powered on, the controller will initialize. Use the front panel buttons or remote control to select your desired input source and configure the video wall layout.

6. OPERATING INSTRUCTIONS

6.1. Splicing Modes

The controller supports various video wall splicing modes to suit different display requirements. Use the **SPlicing** button on the front panel or remote to cycle through available modes.

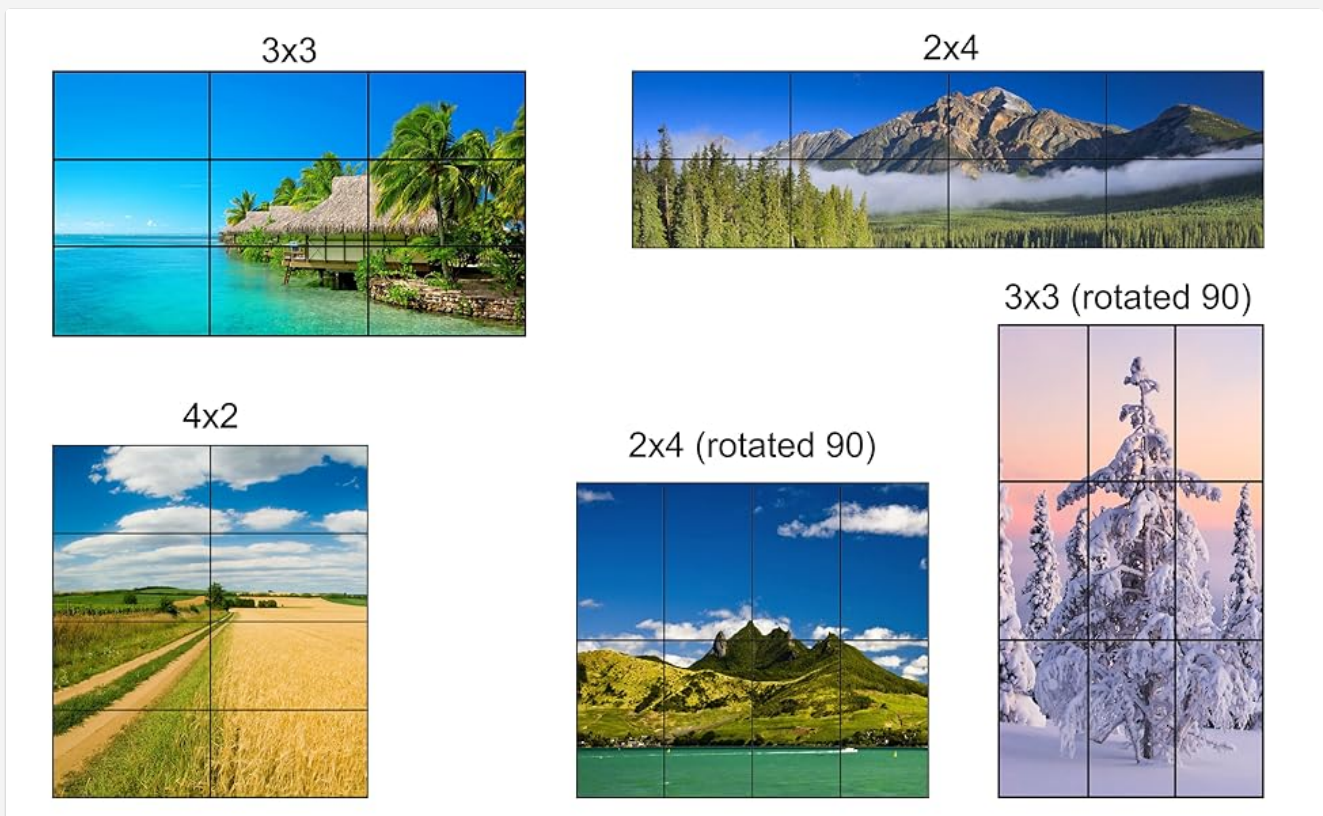


Figure 5: Multiple Splicing Modes. This image illustrates different video wall configurations supported by the controller, including standard landscape arrangements like 3x3, 2x4, and 4x2. It also demonstrates portrait mode setups, such as a 2x4 rotated 90 degrees and a 3x3 rotated 90 degrees, showcasing the flexibility in display orientation.

Common splicing modes include:

- **3x3:** Nine screens arranged in three rows and three columns.
- **2x4:** Two rows, four columns.
- **4x2:** Four rows, two columns.
- **1xN / Nx1:** Single row or single column configurations (e.g., 1x4, 4x1).

- Other combinations like 2x3, 3x2, 2x2, 1x2, 2x1, 3x1, 1x3.

6.2. Display Modes (Multi-Input Display)

The controller supports displaying multiple input sources simultaneously on the video wall. Use the **SOURCE** button to select the active input or switch between different display modes.

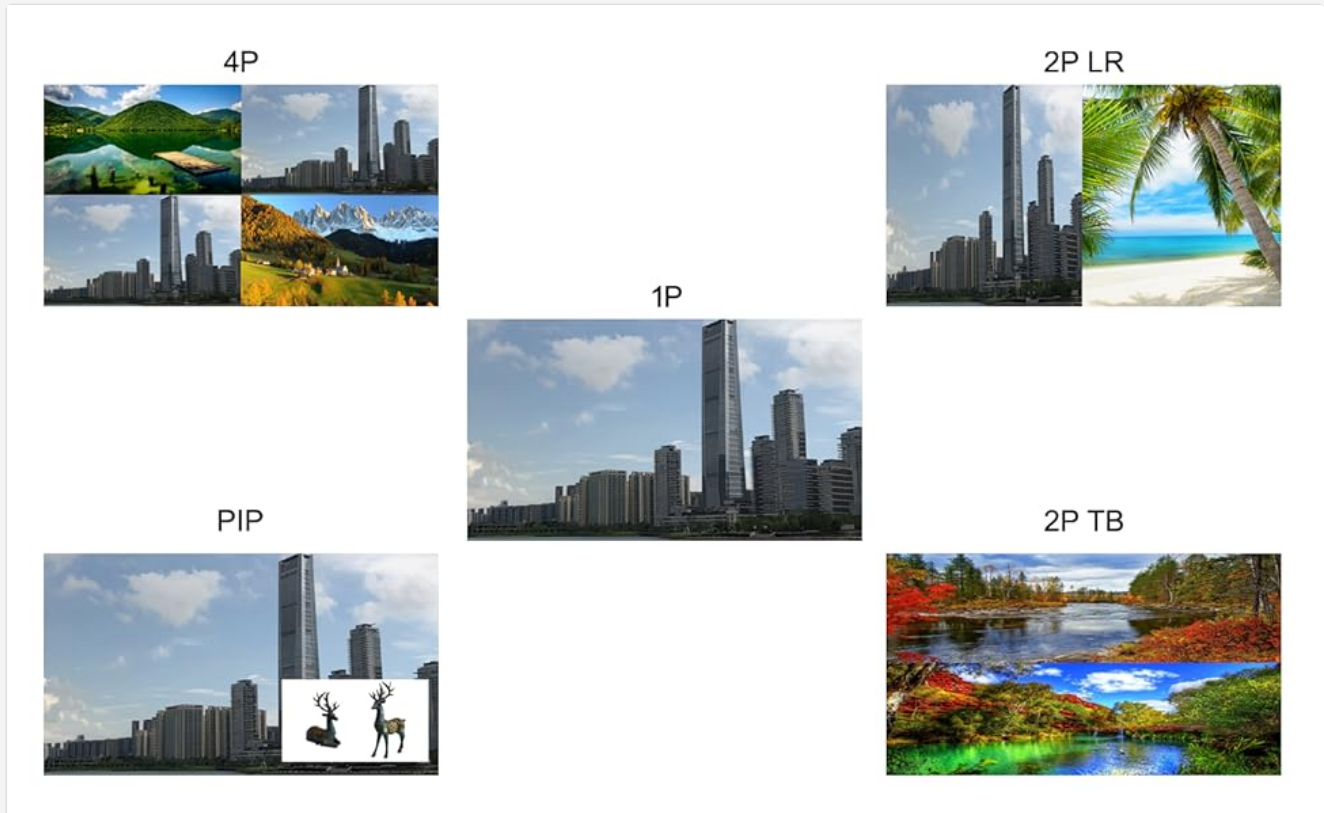


Figure 6: Five Display Modes. This graphic presents five distinct display modes: 1P (single large image), 4P (four images displayed simultaneously), PIP (a smaller image overlaid on a larger one), 2P LR (two images side-by-side), and 2P TB (two images stacked vertically). These modes demonstrate the controller's ability to manage and arrange multiple video inputs on the display.

Available display modes include:

- **1P (Single Picture):** Displays one input source across the entire video wall.
- **4P (Four Pictures):** Displays four different input sources simultaneously.
- **PIP (Picture-in-Picture):** Displays a secondary input source as an overlay on the main input.
- **2P LR (Two Pictures Left-Right):** Displays two input sources side-by-side.
- **2P TB (Two Pictures Top-Bottom):** Displays two input sources stacked vertically.

6.3. Image Rotation and Edge Mask

The controller supports advanced image manipulation for optimal display.

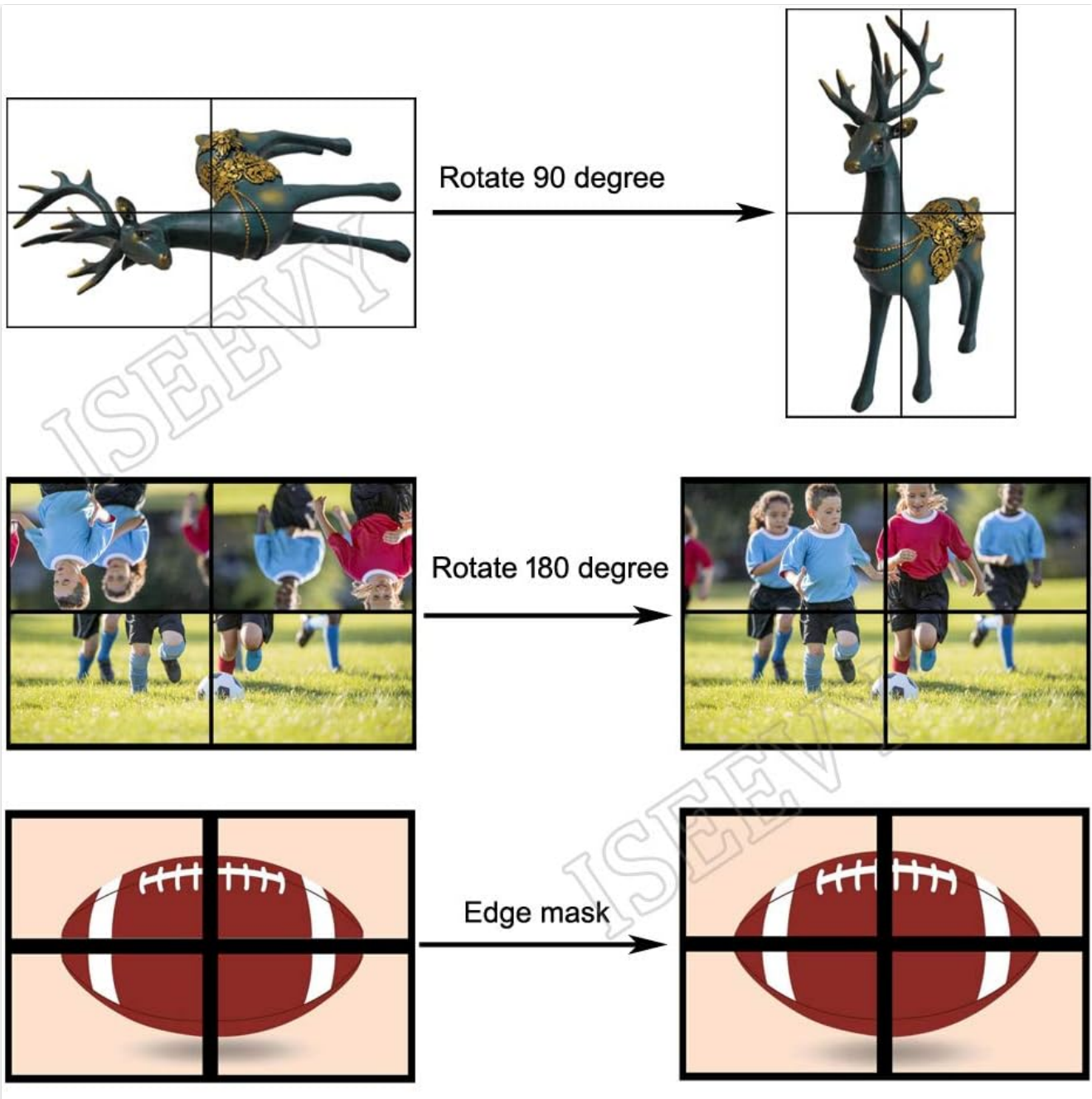


Figure 7: Image Rotation and Edge Mask. This image demonstrates advanced display features. It shows an object rotated 90 degrees for portrait screen compatibility and another rotated 180 degrees. Additionally, it illustrates the edge mask function, which compensates for display bezels to create a more continuous image across multiple screens.

- **Rotation:** Images can be rotated 90, 180, or 270 degrees, which is useful for portrait mode displays.
- **Mirror Display:** Allows mirroring of the image.
- **Edge Mask:** This function compensates for the bezels (frames) of the individual display monitors, creating a more seamless and continuous image across the entire video wall. This feature is crucial for professional video wall installations.

6.4. Remote Control Operation

The included remote control provides full functionality for navigating menus, selecting inputs, changing splicing modes, and adjusting display settings. Point the remote control towards the IR receiver on the front panel of the controller.

7. SPECIFICATIONS

Feature	Specification
Product Dimensions	12.6 x 10.24 x 2.76 inches
Item Weight	8.56 pounds
Input Resolutions	3840*2160 4K@60Hz (HDMI 2.0, DP 1.2), 3840*2160 4K@30Hz (HDMI 1.4)
Output Resolutions	1920*1080, 1280x800, 1280x700, 1024x768, 1366x768, 1280x1024 (per HDMI output)
Input Ports	HDMI (x2), DisplayPort (x1)
Output Ports	HDMI (x9), 3.5mm Audio (x1)
Color	Black
Manufacturer	Iseevy Limited
Compatible Devices	Television
Cable Type	HDMI

8. TROUBLESHOOTING

- **No Display:**

- Ensure all cables (input, output, power) are securely connected.
- Verify that the input source is powered on and outputting a signal.
- Check that the correct input source is selected on the controller.
- Confirm that all display monitors are powered on and set to the correct HDMI input.

- **Incorrect Splicing Mode:**

- Use the **SPLICING** button or remote control to cycle through available modes until the desired layout is achieved.
- Ensure the number of connected displays matches the selected splicing mode.

- **Image Distortion or Flickering:**

- Check cable quality; use high-quality HDMI/DP cables.
- Ensure input and output resolutions are compatible.
- Restart the controller and all connected devices.

- **No Audio:**

- Remember that HDMI outputs do not carry audio. Connect external speakers to the 3.5mm Audio output jack.
- Verify external audio system connections and power.

- **Remote Control Not Working:**

- Check and replace batteries.
- Ensure there are no obstructions between the remote and the controller's IR receiver.

9. WARRANTY AND SUPPORT



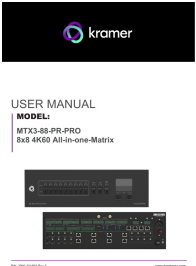


For warranty information and technical support, please refer to the documentation provided with your purchase or

contact ISEEVY customer service through their official channels. Keep your purchase receipt for warranty claims.



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Related Documents - ISV-TWC9-4K60

	<p>ANI-PIP-42UHD 4x2 4K60 UHD Multiviewer Seamless Video Matrix Switcher - Instruction Manual</p> <p>Comprehensive instruction manual for the A-NeuVideo ANI-PIP-42UHD 4x2 4K60 UHD Multiviewer Seamless Video Matrix Switcher, covering safety, features, specifications, operation, remote control, EDID settings, multiview modes, OSD navigation, RS-232 commands, application examples, and terms of use.</p>
	<p>FHD Video/Audio Live Encoder Manual - H.265 HEVC/H.264 AVC/MPGE4</p> <p>This manual provides detailed specifications, interface descriptions, network settings, and streaming instructions for the FHD Video/Audio Live Encoder, supporting H.265 HEVC and H.264 AVC encoding.</p>
	<p>Kramer MTX3-88-PR-PRO 8x8 4K60 All-in-one-Matrix User Manual</p> <p>Comprehensive user manual for the Kramer MTX3-88-PR-PRO, an 8x8 4K60 All-in-one-Matrix. This professional AV device offers advanced video and audio routing, HDBaseT connectivity, and multi-view capabilities for demanding presentation and broadcasting environments.</p>
	<p>A-NeuVideo ANI-PIP-41UHD 4x1 4K60 UHD Multiviewer Seamless Video Switcher Instruction Manual</p> <p>User manual for the A-NeuVideo ANI-PIP-41UHD, a 4x1 4K60 UHD Quad/PiP/PoP Multiviewer Seamless Video Switcher. Learn about its features, specifications, operation, and RS-232 commands for managing multiple video sources on a single display.</p>
	<p>Prestel SW-4K41MVS 4K60 4x1 Multiviewer User Manual</p> <p>Comprehensive user manual for the Prestel SW-4K41MVS, a 4K60 4x1 Multiviewer Seamless UHD Video Switcher. Learn about its features, specifications, operation, and RS-232 commands.</p>



[J-TECH DIGITAL JTECH-4K60-UNT/UNR ProAV HDMI Extender User Manual](#)

User manual for the J-TECH DIGITAL JTECH-4K60-UNT/UNR ProAV Many-to-Many 4K@60Hz HDMI Extender with IR. Covers features, specifications, installation, and troubleshooting.