

## SIKAI CASE 0814frjs-73

# SIKAI CASE HDMI 2.1 Ultra High Speed 8K Cable (9 Feet) - User Manual

Model: 0814frjs-73 | Brand: SIKAI CASE

## 1. INTRODUCTION

This manual provides essential information for the proper use and care of your SIKAI CASE HDMI 2.1 Ultra High Speed 8K Cable. This cable is designed to deliver high-bandwidth video and audio signals, supporting resolutions up to 8K@60Hz and 4K@120Hz, with a data transfer rate of 48Gbps. It is compatible with a wide range of devices including gaming consoles, monitors, TVs, and projectors.

## 2. PRODUCT FEATURES

- HDMI 2.1 Certified:** Supports 8K@60Hz and 4K@120Hz resolutions, ensuring ultra-high definition video output.
- Ultra High Speed 48Gbps:** Provides a significant leap in transmission speed compared to HDMI 2.0, preventing lag and dropped frames.
- Dynamic HDR Support:** Enhances picture quality with dynamic HDR, HDR10, and HDR10+ for a wider color gamut and improved contrast.
- Advanced Audio Features:** Supports Enhanced Audio Return Channel (eARC) for advanced audio signal control and compatibility with Dolby Atmos and DTS-X.
- Gaming Optimized:** Features Variable Refresh Rate (VRR), Quick Media Switching (QMS), Quick Frame Transport (QFT), and Auto Low Latency Mode (ALLM) for a smoother gaming experience.
- Durable Construction:** Built with a firm zinc alloy casing, 24K gold-plated connectors, and military-grade tensile nylon material for enhanced durability and signal integrity.
- Backward Compatibility:** Fully compatible with previous HDMI versions including 2.0b/2.0a/1.4/1.3/1.2/1.1.

## 3. SPECIFICATIONS

Feature	Specification
Brand	SIKAI CASE
Connector Type	HDMI
Cable Type	Ethernet
Compatible Devices	Television, Gaming Consoles (PS5, Xbox), Monitors, Projectors
Special Features	HDCP 2.2 Compliant, Supports 8K 120Hz/60Hz/30Hz, 4K 144hz/120Hz/60Hz/30Hz, 1440p, 1080p, 1080i, 720p Resolutions, Dynamic HDR, eARC, VRR, ALLM
Connector Gender	Male-to-Male
Data Transfer Rate	48 Gigabits Per Second
Shape	Round
Number of Pins	19
Frequency	120 Hz (Max)
Item Weight	1.44 ounces
Indoor/Outdoor Usage	Indoor, Outdoor
Model Number	0814frjs-73

## 4. SETUP GUIDE

- Identify Ports:** Locate the HDMI output port on your source device (e.g., gaming console, Blu-ray player, computer) and the HDMI input port on your display device (e.g., TV, monitor, projector).
- Connect Cable:** Carefully insert one end of the SIKAI CASE HDMI 2.1 cable into the HDMI output port of your source device.
- Connect to Display:** Insert the other end of the HDMI cable into an available HDMI input port on your display device. Ensure both connections are secure.
- Power On Devices:** Turn on both your source device and your display device.
- Select Input:** On your display device, use the remote control or on-screen menu to select the correct HDMI input source that corresponds to the port where you connected the cable.



Figure 4.1: Connection diagram for HDMI cable between source and display devices.

## 5. OPERATING INSTRUCTIONS

Once the cable is connected and the correct input is selected, your devices should automatically detect the signal. The SIKAI CASE HDMI 2.1 cable supports various advanced features:

- **High Resolution & Refresh Rates:** Enjoy content in 8K@60Hz or 4K@120Hz. Ensure your source and display devices also support these resolutions and refresh rates.
- **Dynamic HDR:** For optimal HDR performance, enable Dynamic HDR settings on your compatible source and display devices.
- **eARC (Enhanced Audio Return Channel):** If your audio receiver and TV support eARC, connect the cable to the designated eARC HDMI port on both devices to transmit high-bitrate audio formats like Dolby Atmos and DTS-X.
- **Gaming Features (VRR, ALLM):** For gaming, ensure your console and display support Variable Refresh Rate (VRR) and Auto Low Latency Mode (ALLM) for the smoothest and most responsive gameplay. These features typically activate automatically when supported.

## 6. MAINTENANCE

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To ensure the longevity and optimal performance of your HDMI cable, follow these maintenance guidelines:

- **Avoid Sharp Bends:** Do not bend the cable sharply, especially near the connectors, as this can damage the internal wires and affect signal quality.
- **Proper Storage:** When not in use, coil the cable loosely and store it in a clean, dry place away from extreme temperatures.
- **Clean Connectors:** If connectors appear dirty, gently wipe them with a dry, lint-free cloth. Avoid using liquids or abrasive cleaners.
- **Handle with Care:** Always grasp the connector housing when plugging or unplugging the cable, rather than pulling on the cable itself.

## 7. TROUBLESHOOTING

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If you encounter issues with your HDMI cable, try the following steps:

- **No Picture/Sound:**
  - Ensure both ends of the HDMI cable are securely connected.
  - Verify that your display device is set to the correct HDMI input source.
  - Restart both the source device and the display device.
  - Test the cable with another HDMI port on your display or another device if possible.
- **Flickering Picture or Intermittent Signal:**
  - Check for loose connections.
  - Ensure the cable is not bent or kinked excessively.
  - Reduce the resolution or refresh rate on your source device to see if the issue persists.
  - Ensure your devices' firmware is up to date.
- **Audio Problems (No Sound or Distorted Audio):**
  - Confirm that the audio settings on your source device and display/receiver are correctly configured.
  - If using eARC, ensure it is enabled on both compatible devices.
  - Test with different audio settings (e.g., stereo instead of surround sound) to isolate the issue.

## 8. MEDIA GALLERY

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Figure 8.1: Visual comparison demonstrating the enhanced clarity of 8K resolution compared to 2K and 4K.



Figure 8.2: Detailed comparison of HDMI 2.1 versus HDMI 2.0 capabilities, focusing on resolution, refresh rates, audio, and bandwidth.



Figure 8.3: Key features of the HDMI 2.1 cable, including support for 8K@60Hz, Dynamic HDR, 3D, 48-bit color, eARC, 7.1 surround sound, Ethernet, VRR, and ALLM.

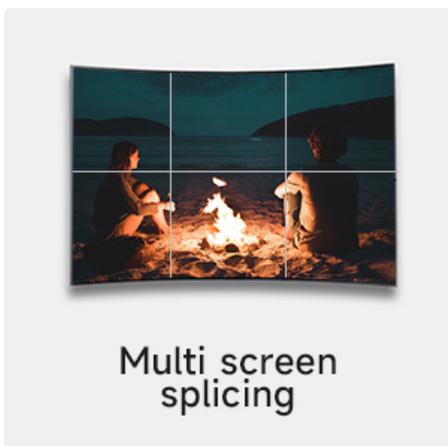


Figure 8.4: Detailed view of the cable's construction, highlighting the gold-plated connectors, zinc alloy casing, and multi-layered protective braiding with oxygen-free copper.



Figure 8.5: The HDMI Ultra High Speed Certified Cable logo, indicating official certification and quality assurance. For verification, visit [hdmi.org/qr/alic/FQ1MIQ0HLDB](https://hdmi.org/qr/alic/FQ1MIQ0HLDB).

## PRODUCT



Figure 8.6: Dimensional specifications of the HDMI connector heads.

## Product Video

Video 8.1: An overview of the SIKAI 8K HDMI Cable, showcasing its features and universal device compatibility. This video demonstrates the cable's ability to deliver ultra-fast 8K video transfer and highlights its military-grade cable protection.

## 9. WARRANTY AND SUPPORT

For warranty information or technical support, please contact SIKAI CASE customer service directly. Refer to the product packaging or the official SIKAI CASE website for contact details and specific warranty terms applicable to your region.

