

**SPROLINK**<sup>®</sup>  
CREATIVE VIDEO REVOLUTION

4K Dual Channel Presentation Switcher



## MD2-4K

**Built-in 5.5-inch Touch Screen with High Brightness**  
**Dual Operation Mode for 4K Streaming Switcher and Monitor**  
**Support Real-time Recording and Network Streaming**  
**Redundant Power Supply with F970 Battery**

## Overview

MD2-4K is a 4K live streaming device with 5.5-inch touch screen, which support 4K live streaming switcher mode and 4K monitoring mode.

In 4K live streaming switcher mode, it can create any kinds of layout with 2 layers and enable multiple DVE transition effects. All the content will pass through PC via USB 3.0 port. D2 has a built-in hardware streaming engine that can support streaming and recording at the same time.

In 4K monitoring mode, D2 works as a professional monitor. It has built-in Waveform, Vectorscope, RGB Histogram, Focus Peaking, False Color etc. It can help you to accurately expose and focus on every shot. You can also apply 3D LUTs to create specific visual styles.

## Highlight

- Built-in 5.5-inch Touch Screen with High Brightness
- Dual Operation Mode for 4K Streaming Switcher and Monitor
- Supports Various DVE Transition Effects
- Type-C USB 3.0 Lossless Capture for AUX Channel
- Support Real-time Recording and Network Streaming
- Redundant Power Supply with F970 Battery

## Features



### Built-in 5.5-inch Touch Screen with High Brightness

MD2-4K support full touch screen operation. You can monitor the content for streaming and adjust streaming layout by fingers.



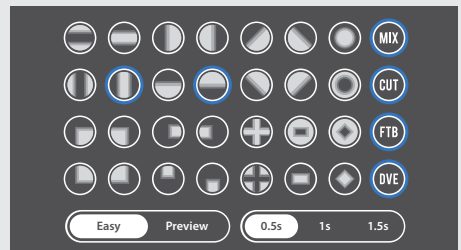
### Dual HDMI 2.0 4K Input with Loop

Compatible with various 4K and 2K signal sources. The loop output can directly connect with the on-side display, and no need extra HDMI splitter.



### Built-in DVE Transition Effects

Built-in a range of transition effects like CUT, Fade, Slide.etc. The exclusive DVE transition effect will make your streaming more attractive and vivid.





## Dual Operation Mode for 4K Streaming Switcher and Monitor



For camera adjustment, the 4K monitoring mode offers a suite of tools to enhance image quality, including Waveform, Vectorscope, RGB Histogram, Focus Peaking, False Color etc. It can also enable 3D LUTs for specific visual style.



You can enable 4K Switcher mode for dual camera live streaming and recording. It supports customizable layout with creative DVE transition effects, which is ideal for a variety of live broadcasting scenarios.



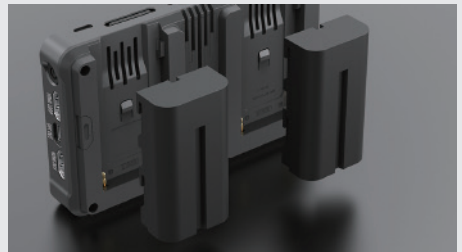
### Flexible Type-C USB 3.0 Capture

Type-C USB 3.0 port can send lossless content to computer for live streaming. The output channel can be selected as PGM/HDMI1/HDMI2, offering flexibility for various application scenarios.



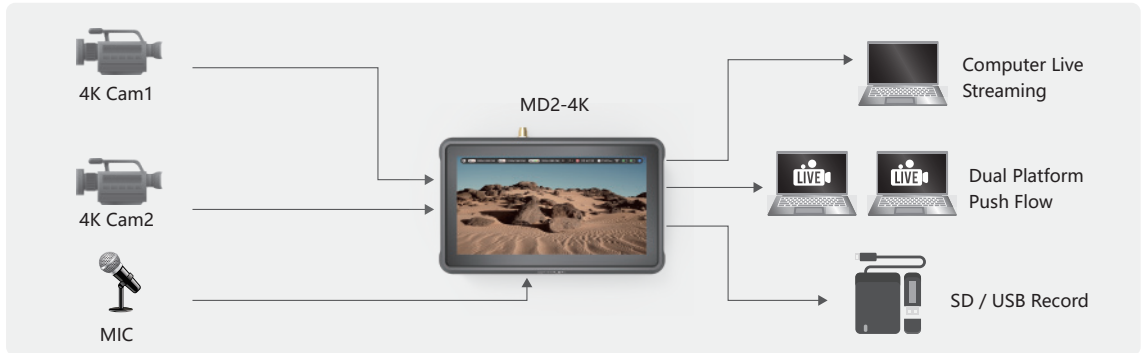
### Various Power Supply Options

Supports DC input and E-battery power. Suitable for various indoor and outdoor live recording scenarios. The external batteries support hot-swapping, ensuring stable live streaming without interruptions.

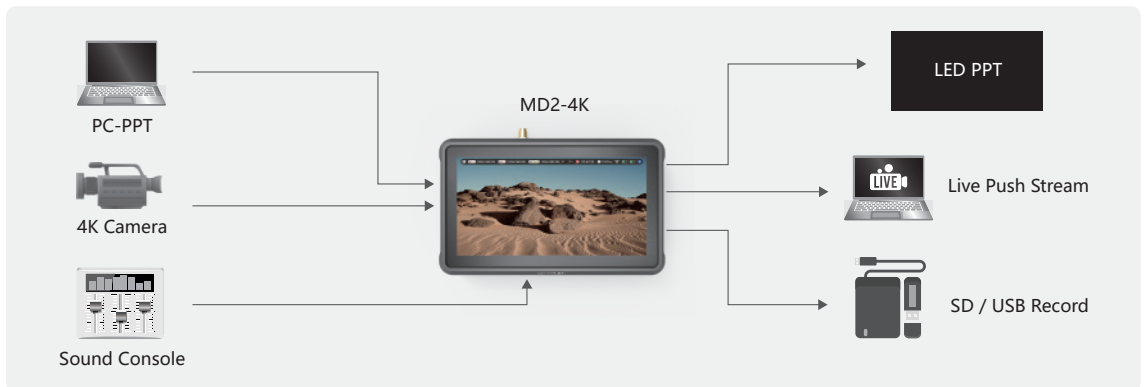


## Application

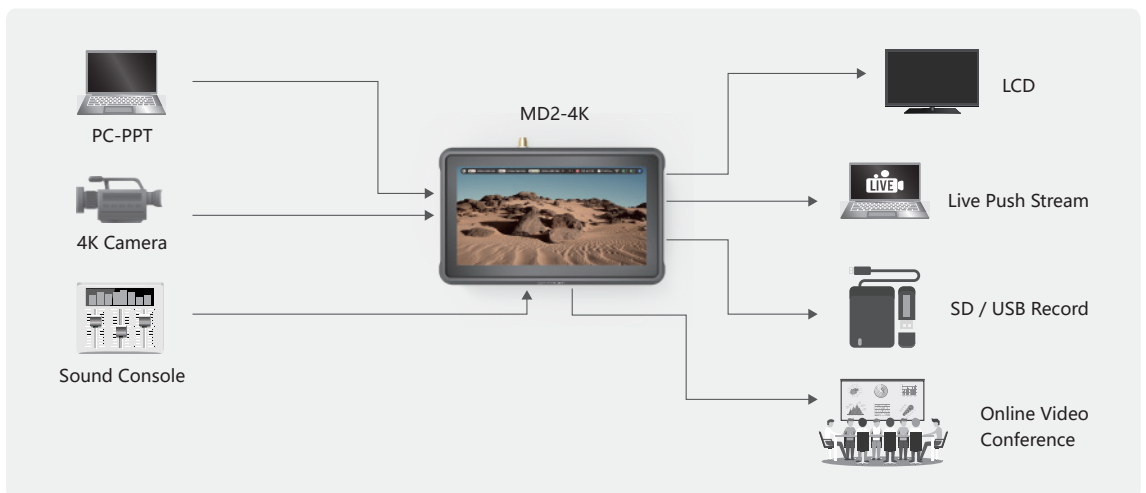
### Scenario 1: Dual 4K Camera Live Streaming and Recording



### Scenario2: Compact Offline Events and Online Live Streaming & Recording Solution



### Scenario 3: Live Streaming and Recording Integrated with Video Conference (Fixed the UVC Channel as Camera View for Video Conference, While Offering Dual-camera Live Streaming and Recording)



## Specification

<b>Connectors</b>	Input	HDMI2.0 x 1 USB 2.0	2xHDMI-A 1xUSB Type A	HDMI Source Interface Load Image / Upgrade / Comm Port
	Output	HDMI1.3 USB 3.0	1xHDMI-A 1xUSB Type C	HDMI1/2/PGM Multiplex Output UVC&UAC
	Audio	IN PHONES	1x3.5mm Stereo Jack 1x3.5mm Stereo Jack	MIC / LINE Stereo Input Monitoring Output

<b>Input Resolutions</b>	HDMI	SMPTE VESA	720p@50/60   1080p@24/30/50/60   2160P@50/60 1024x768@60   1280x720@50/60   1280x800@60 1280x1024@60   1360x768@60   1366x768@60 1440x900@60   1600x1050@60   1680x1050@60   1920x1080@50/60   3840x2160@50/60
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<b>Output Resolutions</b>	HDMI	SMPTE	1080p@24/30/50/60
	USB3.0	Video Streaming	720p@50/60   1080p@24/30/50/60

<b>Performance</b>	Video Sampling	YUV 4:4:4
	Latency	<3 Frame
	Audio Latency	0-500ms (0-30/25 Frame)

<b>Power</b>	Input Voltage	12V/2A
	Constant Power	20W

<b>Environment</b>	Temperature	0°C~70°C
	Humidity	10%~85%

<b>Weight</b>	Net Weight	0.5kg
	Gross Weight	1.25kg

<b>Dimension</b>	Device Dimension	165mm x 106mm x 38mm
	Package Dimension	260mm x 160mm x 90mm

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