

AVMATRIX®

1×4 4K60 HDMI DISTRIBUTION AMPLIFIER

1x4 HDMI Distribution, Stable 4K Signal Transmission.



SD1242-4K

Model No.:

Input: HDMI2.0×1

HDMI



The image shows a black HDMI 2.0 cable with a gold-plated connector. To its right is the orange and teal device, showing its input side with a single HDMI port, a USB-C port, and a power jack. The device has a small LCD screen and three buttons on top.

Up to 4K60 Resolution

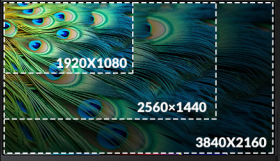
4K60



The image shows the device connected to a monitor. The monitor displays a vibrant image of a yellow parrot with its wings spread. The device is positioned in front of the monitor, and the monitor's bezel has the 'LILLIPUT' brand name visible.

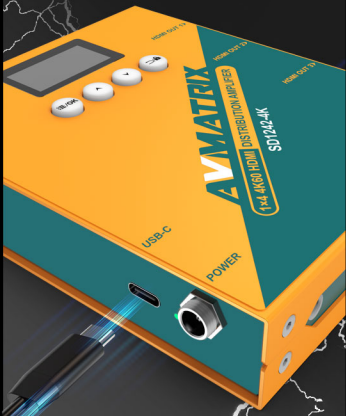
EDID Management

EDID



The image shows a monitor displaying a peacock feather pattern. A dashed white box highlights the EDID management interface, showing three resolution options: 1920x1080, 2560x1440, and 3840x2160. Below the monitor, the device is shown from a different angle, highlighting its front panel with four HDMI ports.

DC & USB Type-C
Power Supply



A close-up view of the device's power input section. It features a USB-C port and a DC power jack. The device is shown with a lightning bolt effect, suggesting power or energy. The text 'DC & USB Type-C Power Supply' is written above the device.

Output: HDMI2.0×4

HDMI 2.0




The image shows the front view of the device, highlighting its four HDMI 2.0 output ports. The device is orange and teal, with a small LCD screen and three buttons on top. The text 'Output: HDMI2.0×4' and 'HDMI 2.0' is written above the device.

Effortless Operation, Swift Control



The image shows a laptop displaying a control interface. A hand is shown interacting with the device's control panel, which includes a small LCD screen and three buttons. The text 'Effortless Operation, Swift Control' is written above the scene.

Detachable Bracket (Optional)



The image shows the device with a detachable orange bracket. The bracket is designed to hold the device in a vertical orientation. The text 'Detachable Bracket (Optional)' is written above the device.



1x4 Distribution

SD1242-4K is a compact, one input, four output distribution amplifier for HDMI2.0 and multi-rate HDMI video signals up to 4K 60hz.



4K Ultra HD Quality

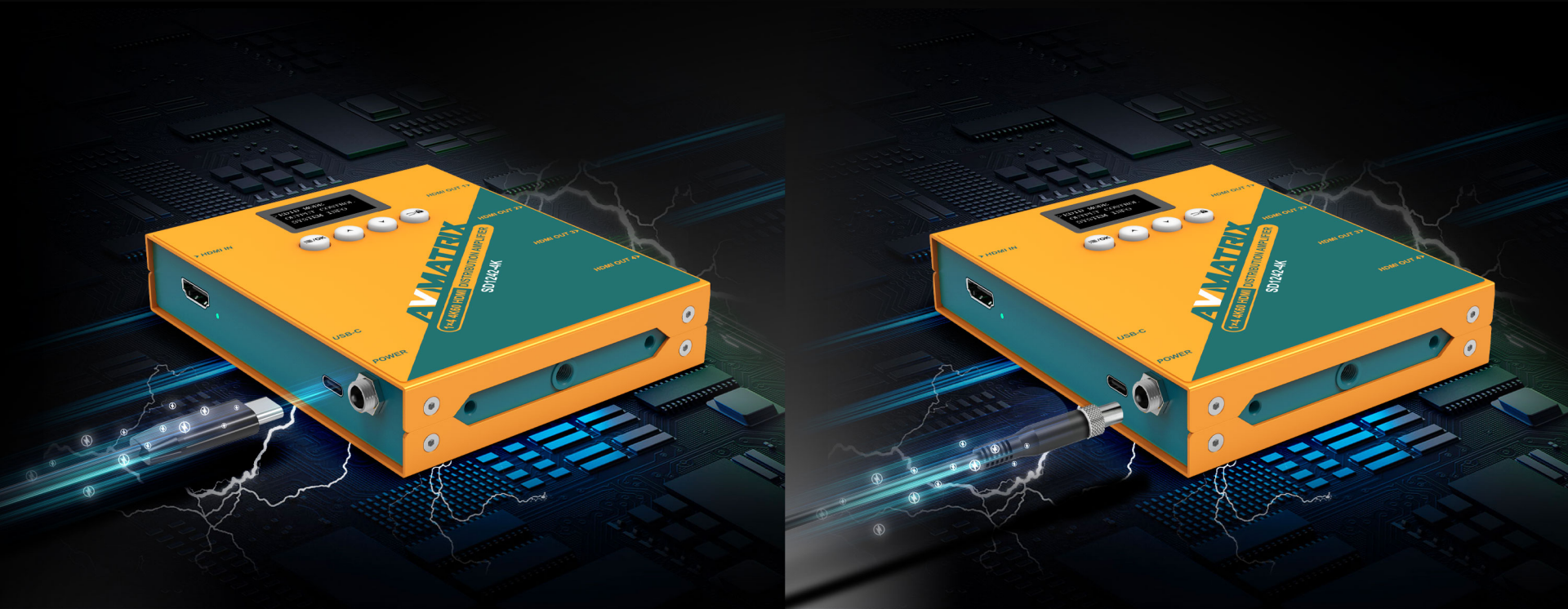
Equipped with HDMI2.0 interface, it supports up to 4K60 resolution and ensures the transmission of ultra-high-definition picture quality, providing users with the ultimate visual experience.



EDID Management

The distribution amplifier supports EDID management modes, including Auto, Standard, Custom, EDID Copy, and Pre-Saved, offering users flexible configuration options. EDID management ensures seamless communication between source and display devices.

This guarantees optimal compatibility, maximized performance, and reliable signal transmission.



DC & USB Type-C Power Supply

Support both USB Type-C power supply and traditional DC power supply. This dual capability empowers users with flexibility and convenience, allowing users to choose the most suitable power source based on their specific requirements.

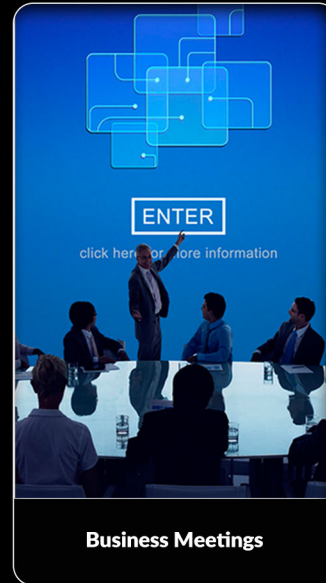


Effortless Operation, Swift Control

Equipped with control buttons for quick and easy access to essential functions. The built-in OLED display provides real-time status information. A clear and intuitive web interface allows you to customize various settings to suit your specific needs.

Widespread Application

The distribution amplifier can be widely used in various field events, such as home theater, business meetings, education, entertainment and so on.



Specifications

CONNECT

Video Input	1×HDMI type A
Video Output	4×HDMI type A
Power Supply	DC 12V/ USB-C
Update	USB Type-C

STANDARD

HDMI In/Out Formats	4096x2160p 60/59.94/50/30/29.97/25/24/23.98
	3840x2160p 60/59.94/50/30/29.97/25/24/23.98
	2560x1080p 60/59.94/50/30/29.97/25/24/23.98
	1920x1080p 60/59.94/50/30/29.97/25/24/23.98
	1920x1080i 60/59.94/50
	1280x720p 60/59.94/50/30/29.97/25/24/23.98
	1440x576i 50
	1440x480i 60/59.94
	720x576p 50
	640x480p 60/59.94
Color Space and Precision	RGB 4:4:4 8 bit, YUV 4:2:2 8 bit, YUV 4:4:4 8 bit

POWER

Power Consumption	6W
Voltage Range	USB 5V-5.5V
	DC 5.5V-24V

OTHERS

Dimension (LWD)	125.5×104×24.5mm
Weight	Net Weight: 471g, Gross Weight: 800g
Temperature	Operating: -20-60°C, Storage: -30°C~70°C



Accessories



12V 2A Power Adapter



Bracket (Optional)



Specifications

CONNECT

Video Input	1×HDMI type A
Video Output	4×HDMI type A
Power Supply	DC 12V/ USB-C
Update	USB Type-C

STANDARD

HDMI In/Out Formats	4096x2160p 60/59.94/50/30/29.97/25/24/23.98
	3840x2160p 60/59.94/50/30/29.97/25/24/23.98
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	1920x1080p 60/59.94/50/30/29.97/25/24/23.98
	1920x1080i 60/59.94/50
	1280x720p 60/59.94/50/30/29.97/25/24/23.98
	1440x576i 50
	1440x480i 60/59.94
	720x576p 50
	640x480p 60/59.94
Color Space and Precision	RGB 4:4:4 8 bit, YUV 4:2:2 8 bit, YUV 4:4:4 8 bit

POWER

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	DC 5.5V-24V

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