4K HDR HDMI Splitter with 4 Scaling Outputs

EXP-SP-0104-H2

WyreStorm

Quickstart Guide

💡 WyreStorm recommends reading through this document in its entirety to become familiar with the product's features prior to starting the installation process.
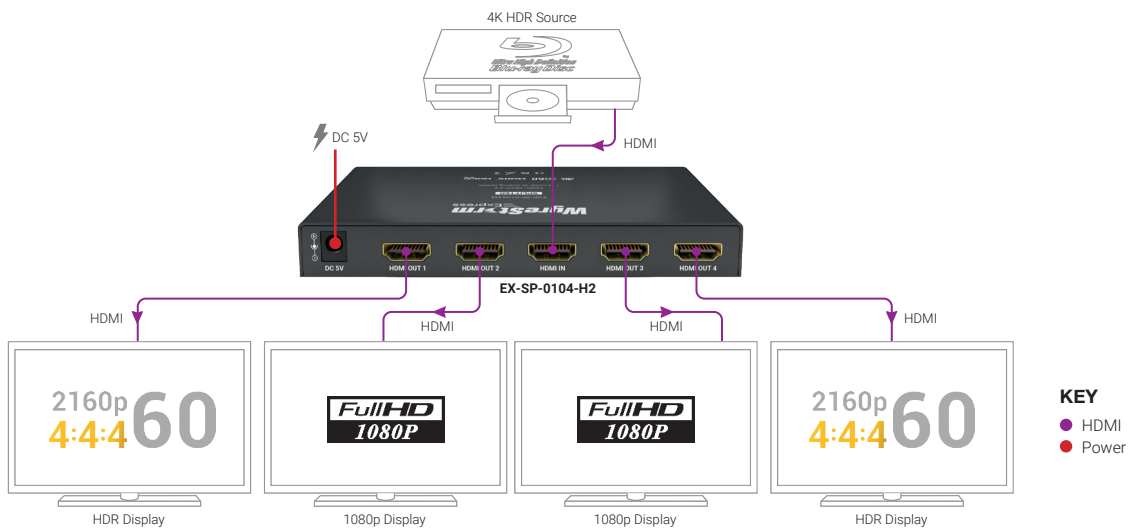
2160p 4:4:4 60   **4K HDR**   **HDMI**   **HDCP 2.2**

⚠️ **IMPORTANT! Installation Requirements**
- Visit the product page to download the latest firmware, document version, additional documentation, and configuration tools.
- Read through the Wiring and Connections section for important guidelines before creating or choosing premade cables.

In The Box
1x WyreStorm EXP-SP-0104-H2 HDMI Splitter
2x Mounting Brackets
1x 5v DC Power Supply

Basic Wiring Diagram

Wiring and Connections

WyreStorm recommends that all wiring for the installation is run and terminated prior to making connections to the switcher. Read through this section in its entirety before running or terminating the wires to ensure proper operation and to avoid damaging equipment.

⚠ **IMPORTANT! HDMI Wiring Guidelines**

• The use of patch panels, wall plates, cable extenders, kinks in cables, and electrical or environmental interference will have an adverse effect on HDMI transmission limiting performance. Steps should be taken to minimize or remove these factors completely during installation for best results.

• WyreStorm recommends using high quality HDMI cables such as WyreStorm Essentials to ensure the highest content performance available.

Installation and Operation

1. Connect an HDMI source to the HDMI IN port using a good quality HDMI cable.
2. Connect HDMI display devices to the HDMI OUT ports of the splitter.

Note: The switcher is powered via mains power supply to the unit. WyreStorm recommend using only power adapter supplied.

3. Turn the power on ensuring LED power indicators are fully lit on the front of the splitter. If not, check power cable is firmly connected.

Troubleshooting

No or Poor Quality Picture (snow or noisy image)

• Verify that power is being supplied to all devices in the system and that they are powered on.

• Verify that all HDMI connections are not loose and are functioning properly.

• If transmitting 3D or 4K, verify that the HDMI cables used are 3D or 4K rated.

💡 **Troubleshooting Tips:**

• WyreStorm recommends using a cable tester or connecting the cable to other devices to verify functionality.

Specifications

Audio and Video	
Inputs	1x HDMI In: 19-pin type A
Outputs	4x HDMI Out: 19-pin type A
Audio Formats	2ch PCM | Multichannel: LPCM and up to DTS-X and Dolby Atmos

Video Resolutions (Max)	Resolution	HDMI
	1920x1080p @60Hz 12bit	15m/49ft
	1920x1080p @60Hz 16bit	7m/23ft
	3840x2160p @24Hz 10bit 4:2:0 HDR	5m/16ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft
	3840x2160p @60Hz 10bit 4:2:0 HDR	5m/16ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft
	4096x2160p @60Hz 8bit 4:4:4	5m/16ft

Supported Standards	DCI | RGB | HDR | HDR10 | Dolby Vision up to 30Hz | HLG | BT.2020 | BT.2100
Maximum Pixel Clock	600MHz
Communication and Control	
HDMI	HDCP 2.2 | EDID | DVI-D supported with adapter (not included)
Power	
Power Supply	5V DC 1A
Max Power Consumption	1.8W
Environmental	
Operating Temperature	0 to + 45°C (32 to + 113 °F), 10% to 90%, non-condensing
Storage Temperature	-20 to +70°C (-4 to + 158 °F), 10% to 90%, non-condensing
Maximum BTU	6.14 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	<1U
Height	20mm/0.79in
Width	140mm/5.5in
Depth	65.2mm/2.57in
Weight	0.24kg/0.53lbs
Regulatory	
Safety and Emission	CE | FCC | RoHS | RCM

Note: WyreStorm reserves the right to change product specification, appearance or dimensions of this product at any time without prior notice.