



WyreStorm - Powerful. Reliable. Simple.

Introduction

Our 8K HDMI cables are designed to meet the Ultra high bandwidth requirements demanded by the latest 8K UHD devices in commercial and residential applications. Our cables are tested to ensure continued compatibility with all 8K@60Hz and 4K@120Hz high refresh rated devices and provide a lifetime of perfect device connectivity.

Key Features

- Uncompressed transmission of HDMI content up to 48Gbps:
 - 2K (2560 x 1440p) 240Hz
 - 4K (4096 x 2160p) 144Hz
 - 5K (5120 x 2880p) 60Hz
 - 8K (7680 x 4320p) 60Hz
 - 10K (10240x4320p) 30Hz
 Timings listed are quoted as 4:4:4 8-bit
- Compatible with all Dynamic HDR and HDR standards:
 - HLG (Hybrid Log Gamma)
 - HDR-10 and HDR-10+
 - Dolby Vision
 - PQ (Perceptual Quantizer)
- SL-HDR-1
- Ready for future HDCP 2.3 content encryption
- Compatible with eARC HD audio standard for on-demand content from smart TV's
- Supports HDMI2.1 FRL (Fixed Rate Link) 16/18b e
- Native HDMI communication ensures CEC and audio return communication between compatible devices
- Supports HDMI2.1 features such as QFT (Quick Frame Transport), QMS (Quick Media Switching), ALLM (Auto Low Latency Mode) and VRR (Variable Refresh Rate)
- Supports High Speed Ethernet with 100 Mb/s Ethernet Channel
- CL3 rated 30 AWG

In the Box

1x WyreStorm EXP-HDMI-xM-8K

Specifications

Audio and Video	
Inputs	1x HDMI: 19-pin type A Male
Outputs	1x HDMI: 19-pin type A Male
Output Video Encoding	Uncompressed
Encoding Data Rate	48Gbps
Max End to End Latency	Zero
Max Video Resolutions	1920 x 1080p @240Hz 2560 x 1440p @240Hz 4096 x 2160p @144Hz 5120 x 2880p @60Hz 7680 x 4320p @60Hz 10240 x 4320 @30Hz
Supported Standards	DCI Dynamic HDR Static HDR HDR10+ SL-HDR1 Dolby Vision HLG PQ BT.2020 BT.2100
Audio	
Enhanced Audio Return Channel (eARC)	Supported
Audio Formats	2ch PCM Multichannel LPCM DTS-X Dolby Atmos
Maximum Sampling Rate	192KHz
Maximum Audio Channels	32
Communication and Control	
Consumer Electronics Control (CEC)	Bidirectional Supported
Variable Refresh Rate (VRR)	Supported
HDCP	Passthrough, 2.3 Supported
EDID	Passthrough Bidirectional
Ethernet	100Mbps Supported
Auto Low Latency Mode (ALLM)	Supported
Environmental	
Operating Temperature	32°F ~ 104°F (0°C ~ 40°C), 10% ~ 90%, non-condensing
Storage Temperature	-4°F ~ 140°F (-20°C ~ +60°C), 10% ~ 90%, non-condensing
Maximum BTU	NA
Dimensions & Weight	
Cable Length	0.5m/1.6ft 1.0m/3.2ft 2.0m/6.4ft 3.0m/9.6ft
Weight	0.05kg/0.11lbs 0.09kg/0.19lbs 0.18kg/0.38lbs 0.22kg/0.48lbs
Regulatory	
Safety and Emission	CE FCC RoHS EAC RCM