

HDMI + USB A to USB-C Adapter for the APO-DG1 & DG2

APO-DG-HDMI

WyreStorm
Specification Sheet



WyreStorm - Powerful. Reliable. Simple.

Introduction

The APO-DG-HDMI expands your connectivity options by enabling the HDMI output of your laptop to work seamlessly with our USB-C Casting Dongles (APO-DG1 and APO-DG2). This enhancement allows for greater device compatibility across both the Synergy and Apollo product lines. Supporting DisplayPort Alt Mode 1.2 and featuring a USB-A port, the APO-DG-HDMI facilitates the transmission of up to 4K resolution at 60Hz, as well as USB 2.0 data, to compatible devices.

Specifications

Audio and Video	
Inputs	1 x HDMI (Male) 1 x USB A (Male)
Outputs	1 x USB-C (Female) for connection of APO-DG1/2
End to End Latency	1080p: High Quality Mode: ~250ms Low Latency Mode: ~80ms 4K@30: High Quality Mode: ~300ms Low Latency Mode: ~150ms
Video Resolutions (Max)	Video Resolutions 1920x1080 ⁶ (1080p60), 3840x2160 ⁵ (4Kp30) 1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 =60 Hz, 9 = 75 Hz
Maximum Pixel Clock	297MHz
Communication and Control	
HDMI	HDCP 2.2 HDCP 1.4 EDID Passthrough
RS232	N/A
LAN	N/A
IR	N/A
Power	
Power Supply	Powered via PC
Max. Power Consumption	TBD (Less than 5v)
Environmental	
Operating Temperature	0 ~ +45°C (32 ~ +113 °F), 10% ~ 90%, non-condensing
Storage Temperature	-20 ~ +70°C (-4 ~ +158 °F), 10% ~ 90%, non-condensing
Dimensions and Weight	
Rack Units/Wall Box	N/A
Height	46mm
Width	23.3mm
Depth	10.8mm
Weight	TBD
Regulatory	
Safety and Emission	CE FCC RoHS RCM EAC UKCA