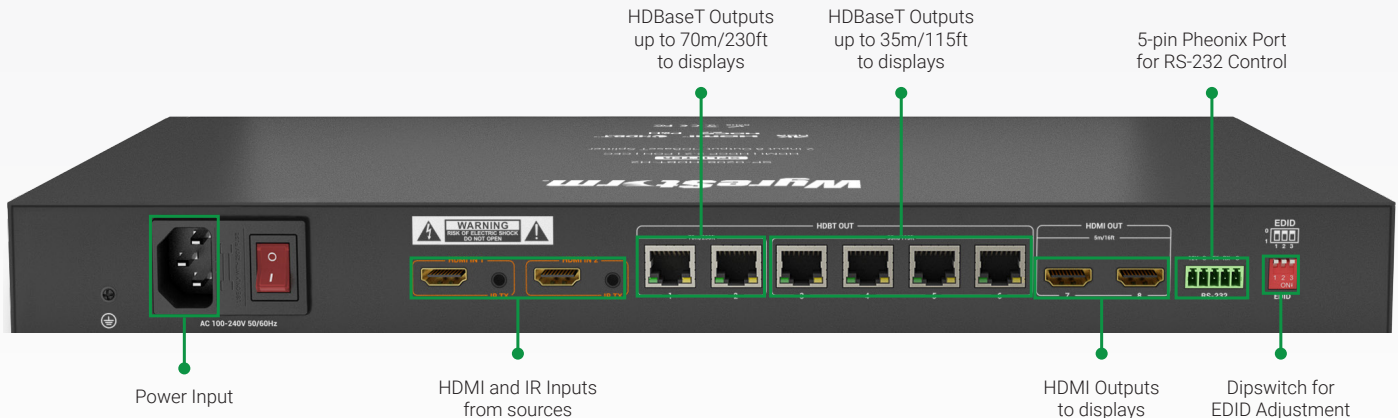


2x8 4K UHD HDCP 2.2 HDBaseT Splitter with PoH & CEC (4K 35m/114ft | 1080p 70m/230ft)

SP-0208-HDBT-H2

WyreStorm

Specification Sheet



WyreStorm - Because the Technology Matters.

Introduction

We've packed all our HDBaseT knowhow into the SP-0208-HDBT-H2, a compact mixed-transmission UltraHD splitter that's tailor-made for multi-screen and signage environments, such as hospitality or retail applications.

Boasting three transmission options the SP-0208 features dual HDMI inputs that can be automatically or manually switched to any of its eight HDBaseT and HDMI outputs.

Four HDBaseT Class B and two Class A outputs, enable a choice of 4K transmission to either 35m or 70m and 1080p to 70m or 100m, depending on the HDBaseT port used. A further pair of HDMI outputs can feed additional local screens or be used to cascade transmissions to another splitter, matrix switcher for install options that are as powerful as they are versatile.

Compatible with the latest HDCP 2.2 content, the SP-0208 supports 4K 60Hz 4:2:0 and 4K 24Hz with 10-bit HDR, and also includes EDID settings to manually adjust your system to your source.

Key Features

- Dual HDMI input 4K UHD splitter with automatic or manual switching
- 4x Class B HDBaseT outputs transmit 4K UHD content up to 35m/115ft
- 2x Class A HDBaseT outputs transmit 4K UHD content up to 70m/230ft
- 2x HDMI outputs can feed local screens or be used to cascade to another splitter or matrix
- Active-CEC enables all compatible screens to be powered on or off at the touch of a button
- Compatible with latest HDCP 2.2 content and 4K/60 4:2:0 or 4K/24 10-bit HDR
- PoH allows all HDBaseT receivers to be powered from the unit
- Independent IR control of both sources from HDBaseT zones
- Control via front panel or RS-232 with support for major control systems, including WyreStorm Enado
- EDID settings enable manual adjustment of source transmission

In the Box

1x SP-0208-HDBT-H2 Splitter
1 x US AC Power Cord (AC 100 - 240V 50/60Hz)
1 x Euro AC Power Cord (AC 100 - 240V 50/60Hz)
1 x UK AC Power Cord (AC 100 - 240V 50/60Hz)

2 x IR Emitter
1x 5-pin Phoenix Connector
2x Mounting Brackets (Rack Ears)
1x Quickstart Guide

Specifications

Audio and Video	
Inputs	2x HDMI In: 19-pin type A
Outputs	2x HDMI Out: 19-pin type A 2x HDBT Out (Class A 70m/230ft): 8-pin RJ-45 Female 4x HDBT Out (Class B 35m/115ft): 8-pin RJ-45 Female
Output Video Encoding	HDBaseT Class A/B (Output Dependent)
Encoding Data Rate	10.2Gbps
End to End Latency	<1 frame 10µs (micro seconds)
Audio Formats	2ch PCM Multichannel: LPCM and Up to DTS-X and Dolby Atmos
Video Resolutions (Max)	HDMI In/Outputs 7~81920x1080p @60Hz 12bit (15m/50ft) @60Hz 16bit (7m/23ft) 3840x2160p @30Hz 4:4:4 8bit (7m/23ft) @24Hz 4:2:0 HDR 10bit per channel (3m/9.8ft) 4096x2160p @60Hz 8bit 4:2:0 (7m/23ft) @60Hz 8bit 4:4:4 (7m/23ft)
	HDBT Outputs 1~2 Using Cat6 1920x1080p @60Hz 12bit (100m/328ft) 16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (70m/230ft) @24Hz 4:2:0 HDR 10bit (70m/230ft) 4096x2160p @60Hz 4:2:0 8bit (70m/230ft) Using Cat6a/7 1920x1080p @60Hz 12bit (100m/328ft) 16bit (100m/328ft) 3840x2160p @30Hz 4:4:4 8bit (100m/328ft) @24Hz 4:2:0 HDR 10bit (100m/328ft) 4096x2160p @60Hz 4:2:0 8bit (100m/328ft)
	HDBT Outputs 3~6 Using Cat6 1920x1080p @60Hz 12bit (70m/230ft) 16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (35m/115ft) @24Hz 4:2:0 HDR 10bit (35m/115ft) 4096x2160p @60Hz 4:2:0 8bit (35m/115ft) Using Cat6a/7 1920x1080p @60Hz 12bit (70m/230ft) @60Hz 16bit (70m/230ft) 3840x2160p @30Hz 4:4:4 8bit (40m/131ft) @24Hz 4:2:0 HDR 10bit (40m/131ft) 4096x2160p @60Hz 4:2:0 8bit (40m/131ft)
Color Depth	1080p: 16bit 4K UHD: 8bit HDR @24p: 10bit BT.2020
Maximum Pixel Clock	HDMI: 340MHz HDBaseT: 297MHz
Communication and Control	
HDMI	HDMI HDCP 2.2 EDID CEC DVI-D with adapter (not included)
HDBaseT	HDMI HDCP 2.2 EDID CEC 1-way PoH to receiver IR (RX to Splitter)
IR	2x IR TX 3.5mm (1/8in) TS Mono Transmits via HDBaseT from Remote Zone
RS-232	1x RS-232: 5-pin Phoenix Switcher Control Only
Power	
Power Supply	100~240V AC 50/60Hz
PoH	48V 15.4W (each HDBT output)
Max Power Consumption	75.21W
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	256.6 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	1U
Height With Without Feet	51.3mm/2.02in 43.5mm/1.72in
Width With Without Brackets	482.6mm/19in 440mm/17.33in
Depth With Without Handles	220mm/8.67in 220mm/8.67in
Weight	0.7kg/1.54lbs
Regulatory	
Safety and Emission	CE FCC RoHS

Right Product for the Right Application.

