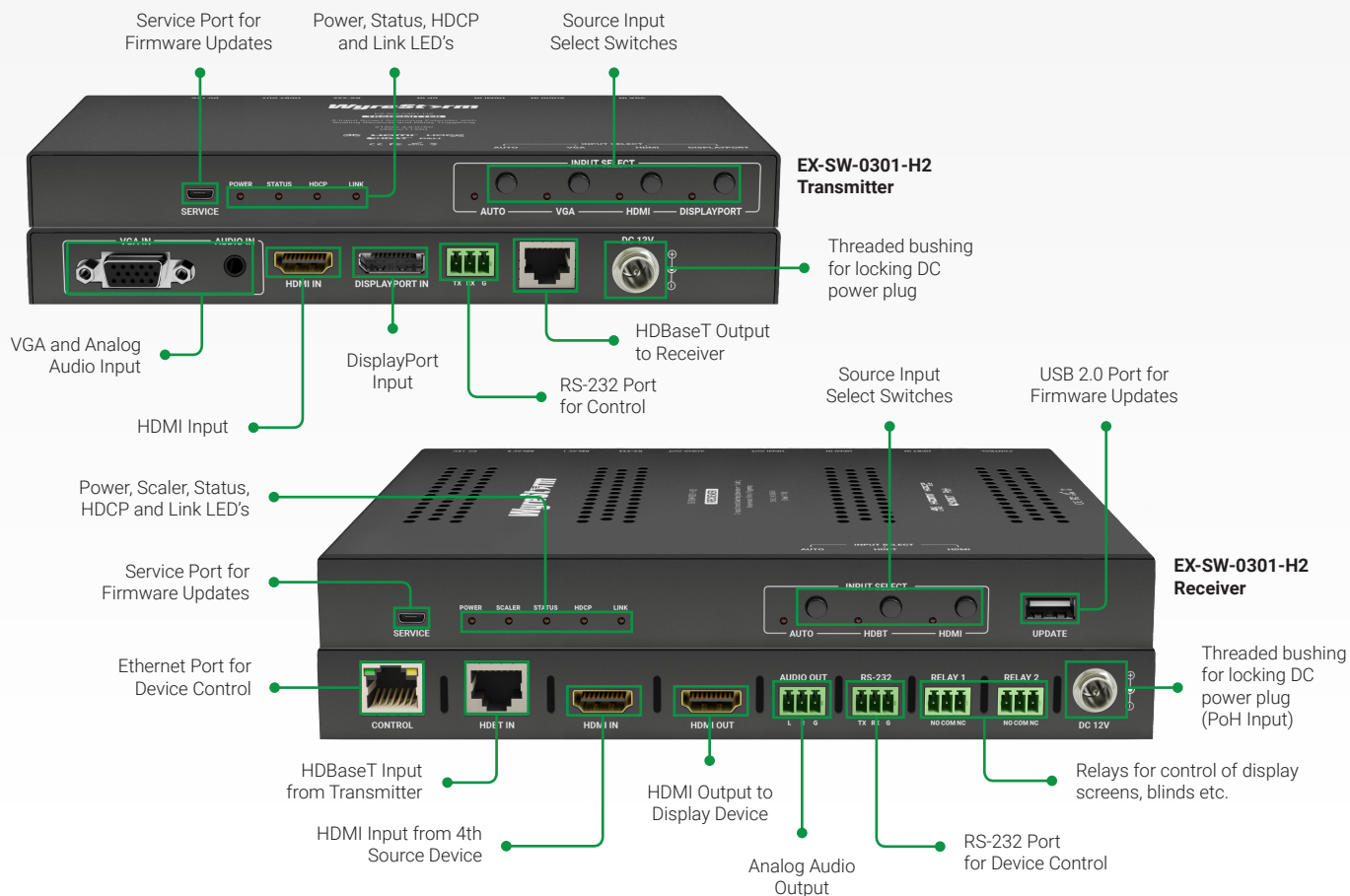


# 3x1 HDMI/VGA/DP Switching Extender with Scaling Receiver, Relay Triggering and HDCP 2.2

EX-SW-0301-H2

WyreStorm

## Specification Sheet



WyreStorm - Because the Technology Matters.

## Introduction

Hitting a sweet-spot between the 2-input and 4-input presentation switcher/extender products, the 0301 is a powerful HDBaseT™ extender with support for VGA, HDMI & DP inputs at the transmitter but also a 4th source local to the scaling receiver. Condition-based relays and support for HDCP 2.2 wrap up this formidable package.

## Key Features

- 3-input switcher & HDBaseT extender perfect for education or huddle room environments
- HDMI, DisplayPort and VGA inputs with automatic or manual switching
- 2x automatic (condition based) or manually triggered relays on receiver for projector screen or curtain control
- Receiver automatically scales content to match capability of connected TV or projector
- Class B HDBaseT Transmission to 35m/115ft@4K and 70m/230ft@1080p
- HDMI input on receiver for connection of additional source device, such as a signage player when a room is not in use
- Line level audio output on receiver
- PoH from receiver to transmitter means less clutter & cables on desk
- Compatible with latest 4K/60 4:2:0 source devices
- HDCP2.2 compliant
- Control via Ethernet port (TELNET) on RX, RS-232 or front panel buttons
- Slim chassis design means easy and discreet device placement

## In the Box

1x EX-SW-0301-H2 Transmitter  
1x EX-SW-0301-H2 Receiver  
1x AC 100-240V 50/60Hz to DC 12V Power Adapter

5x 3-pin Phoenix Connectors  
4x Mounting Brackets  
1x Quickstart Guide

# Specifications

Audio and Video				
	Transmitter		Receiver	
Inputs	1x VGA In: 15-pin VGA 1x Display Port In: DisplayPort 1.3 1x HDMI In: 19-pin type A		1x HDMI In: 19-pin type A 1x HDBT In: 8-pin RJ-45 Female	
Outputs	1x HDBT Out (Class A): 8-pin RJ-45 Female		1x HDMI Out: 19-pin type A 1x Audio Out: 3-pin Phoenix	
Output Video Encoding	HDBaseT Class B			
Encoding Data Rate	9.2Gbps			
End to End Latency	10μs (micro seconds)			
Audio Formats	2ch Analog/PCM   Multichannel: LPCM			
Video Resolutions (Max)	Video Resolution	HDMI	Cat6	Cat6a/7
	1920x1200p @60Hz 12bit	15m/49ft	60m/197ft	70m/230ft
	1920x1080p @60Hz 12bit	15m/49ft	60m/197ft	70m/230ft
	3840x2160p @30Hz 8bit 4:4:4	7m/23ft	35m/115ft	40m/131ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	35m/115ft	40m/131ft
Supported Standards	DCI   RGB			
Maximum Pixel Clock	HDMI: 600mHz   HDBaseT: 297MHz			
Communication and Control				
HDMI	HDMI   HDCP 2.2   EDID   DVI/D supported with adapter (not included)			
HDBaseT	HDMI   HDCP 2.2   EDID   1-way PoH Receiver to Transmitter			
Ethernet	1x 8-pin RJ-45 female   IP Control (TELNET)			
RS-232	1x RS-232: 3-pin Phoenix (Transmitter and Receiver)			
Relays	2x Relay: 3-pin Phoenix (Receiver Only)			
Power				
Power Supply	12V DC 3A			
PoH	IEEE 802.3af 15.4 W Max			
Max Power Consumption	Transmitter: 7W   Receiver: 17W			
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	Transmitter: 24 BTU/hr   Receiver: 58 BTU/hr			
Dimensions and Weight				
	Transmitter		Receiver	
Rack Units/Wall Box	<1U		<1U	
Height With   Without Feet	20mm/0.79in		25mm/0.99in	
Width With   Without Brackets	194mm/7.64in		223mm/8.78in	
Depth With   Without Handles	94mm/3.71in		154mm/6.07in	
Weight	0.5kg/1.1lbs		0.94kg/2.07lbs	
Regulatory				
Safety and Emission	CE   FCC   RoHS			

# Right Product for the Right Application.

