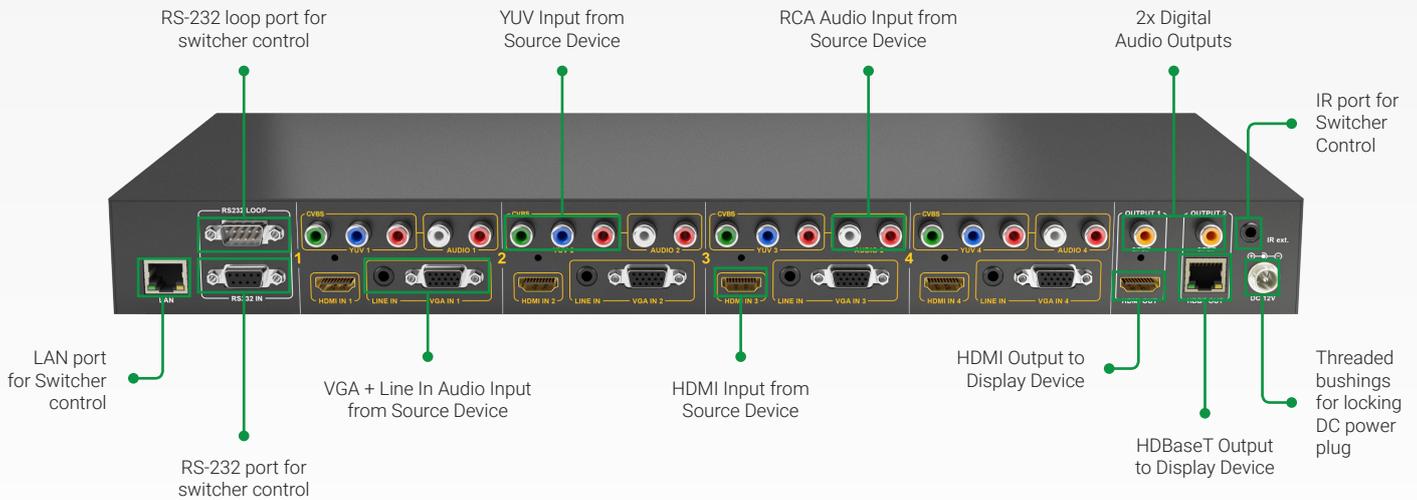


4-input (12-source) Multi-View Scaler/Switcher with 4K UHD HDMI/HDBaseT™ Outputs

SW-0402-MV-HDBT

WyreStorm

Specification Sheet



4K HDMI HDCP

WyreStorm - Because the Technology Matters.

Introduction

For multi-view switching and scaling that covers more ground, the WyreStorm SW-0402-MV-HDBT multi-view scaler and 4x2 matrix offers seamless 4x2 matrix switching and upscaling between analog and/or digital AV sources with 4K HDMI and HDBaseT™ outputs for both local and remote distribution up to 70m/230ft.

Furthermore, up to four HD inputs can be switched, scaled and arranged in any size or configuration and presented in full resolution simultaneously on a single HD 1080p or UHD 4K 2160p display.

Key Features

- Powerful 4 input x 2 output video switching and processing device with multiview functionality
- Digital and Analog Inputs supported: HDMI/DVI, CVBS or YUV, RCA audio, VGA with stereo audio
- Digital and Analog Outputs supported: HDMI, HDBaseT™, S/PDIF (audio)
- HDBaseT™ supports transmissions over a single Cat6 cable of up to 70m/230ft
- Supports 4K output resolutions up to 3840x2160p @30Hz with chroma subsampling color palette 4:2:2
- Includes 3-in-1 HD/UHD video processing including UHD 4K Multi-View Video Processor, Full HD Multi-View Video Processor and Seamless 4x2 Matrix mode
- HDMI and HDBaseT™ Outputs can be set to full HD or 4K output, with outputs independent in Matrix mode or mirrored when in Multi-View mode
- Output selection features Full-screen, Dual-view, Tri-view, or Quad-view - when in UHD 4K multiview Quad mode, the SW-0402-MV-HDBT can display 4 x full HD signals within one 4K display with each window full 1920x1080p without down scaling degradation
- Each input (regardless of source or resolution) can be resized and repositioned within the screen
- Fully customizable input image manipulation and viewer window parameter including layer priority; window positions, window size, background transparency, border generation and color including pixel width, image opacity (25%, 50%, 75%, 100%)
- QuickSync™ technology enables instant, seamless switching between inputs to HDMI and HDBaseT™ outputs.
- Front Panel, built-in Web UI, IR, and RS-232
- RS-232 Serial Control for third party integration and compatibility with WyreStorm Enado (control drivers available at wyrestorm.com)
- Compatible with WyreStorm Enado Control Solution for easy control and selecting image size/presets
- IR extension should unit be installed out of IR handset range
- Low power consumption - less than 20w
- HDMI 1.4
- HDCP supported
- Compatible with WyreStorm extender sets for transmission over distance
- Compatible with EXP-CON-4K-DD to downscale to 1080p

In the Box

1x SW-0402-MV-HDBT Switcher
1x 12V DC 3A Power Supply (US/UK/EU)
1x Handheld IR Remote

1x IR Receiver Extension Cable
2x Mounting Brackets
1x Quickstart Guide

Specifications

Audio and Video	
Inputs	4x HDMI In 19-pin HDMI type A female 4x VGA In 15-pin DSUB15 VGA 4x YUV IN YUV RCA Female(s) 4x CVBS (Composite In) RCA Female (YUV Green) 4x Line In 3.5mm (1/8in) Stereo Jack 4x Audio In L&R RCA Female
Outputs	1x HDMI Out 19-pin HDMI type A female 1x HDBT Out 8-pin RJ-45 female 2x S/PDIF Out RCA Female Digital
Audio Formats	2ch PCM
Video Resolutions (Max)	HDMI 1920x1080p @60Hz 12bit (15m/49ft) 16bit (7m/23ft) 3840x2160p @30Hz 8bit 4:4:4 (Output Only) (7m/23ft) Cat6 1920x1080p @60Hz 12bit (100m/328ft) 16bit (70m/230ft) 3840x2160p @30Hz 8bit 4:4:4 (Output Only) (70m/230ft) Cat6a/7 1920x1080p @60Hz 12bit (100m/328ft) 16bit (100m/328ft) 3840x2160p @30Hz 8bit 4:4:4 (Output Only) (100m/328ft)
Color Depth	1080p: 16bit 4K UHD: 8bit
Maximum Pixel Clock	HDMI: 300MHz HDBaseT: 297MHz
Communication and Control	
HDMI	HDCP EDID DVI/D supported with adapter (not included)
HDBaseT	HDCP EDID ARC 1-way PoH Bidirectional IR and Ethernet
Ethernet	1x 8-pin RJ-45 female Web UI IP Control Bidirectional over HDBaseT
IR	1x IR Ext - 3.5mm (1/8in) Stereo Switcher Control
RS-232	Matrix Control Firmware Updates
Power	
Power Supply	Input: 100~240V AC 50/60Hz
PoH	48V 15.4W
Max Power Consumption	88.6W
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	302.3 BTU/hr
Dimensions and Weight	
Rack Units/Wall Box	1U
Height	17.3mm/0.69in
Width	440mm/17.33in
Depth	42mm/1.66in
Weight	2.85kg/6.27lbs
Regulatory	
Safety and Emission	CE FCC RoHS

Right Product for the Right Application.

