

HDBaseT 4K Transmitter with VGA/HDMI Auto-Switch

TX-SW-0201



Key Features

- Transmits 4K video, audio and basic control using HDBaseT via single Cat5e/6 cable directly into projectors or any HDBaseT input-enabled device
- Connect, distribute and auto-switch between HDMI and VGA devices, including embedded audio with VGA signal via 3.5mm audio input
- Compatible with leading projectors from Epson, Sony, Panasonic and Digital Projection, and WyreStorm Modular matrix & Digital Amplifier solutions
- Simple plug and play connectivity, perfect for small corporate or education applications with 4K support ensuring future source device compatibility

This WyreStorm HDBaseT transmitter device enables the connection of both VGA with audio and HDMI sources to be connected directly to a projector or display with HDBaseT receiving capabilities with Cat5e/6 cabling up to 230ft. Perfect for meeting rooms and classrooms where you require effortless connectivity without the need for any additional control system. A real plug and play device.

Additional Features & Benefits

- 2:1 auto-switching between VGA and HDMI inputs to an HDBaseT output
- Audio input embeds audio with the VGA signal
- Fully 4K compatible - 3840(UHD) and 4096x2160@30Hz (DCI) with 4K color palette 4:4:4
- Capable of lossless VGA and HDMI transmissions over distance using HDBaseT technology and single cable Cat5e/6:
 - 70m/230ft: 4096x2160@30Hz with Chroma subsampling color palette 4K@30Hz 4:4:4
 - 100m/328ft: 1920x1080p HD video@60Hz
- Automatic input detection enabling connection of both HDMI and VGA sources with VGA priority if both devices are transmitting
- Multichannel digital audio supporting 7.1 DTS Master HD and Dolby True HD
- Visual LED indication for unit power supply and signal link status
- 24bit True Color (4K), 48bit Deep Color (1080p)
- Internal ESD and Surge Protection
- Universal power supply included (US, UK and EU connectivity)
- Threaded bushings allow use of both standard and locking 12v DC power plugs
- HDCP 2.2 compliant
- Can create highly scalable AV distributions systems by combining with WyreStorm modular matrices, presentation switchers and audio amplifier receiver (AMP-001-010), display receivers and scaler/down mixer (EXP-CON-4K-DD)
- Compact size for convenient and unobtrusive installations
- Full 3D support
- HDMI 1.4 compliant
- Phoenix connector for firmware updates
- 3 year warranty

In the Box

1x TX-SW-0201 Transmitter
1x 12V DC 1A Power Supply

1x 3-pin Screw Down Phoenix Connector

Specification

Audio and Video		Environmental	
Audio Formats	Up to 7.1 DTS Master HD and Dolby True HD	Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) 10% ~ 90%, non-condensing
Video Resolution (Max)	HDMI: Up to 4096 x 2160@30Hz VGA: Up to 1920 x 1200	Storage Temperature	-4°F ~ 140°F (-20°C ~ 70°C) 10% ~ 90%, non-condensing
Color Depth	1080p 48bit Deep Color 4K-24bit	Maximum BTU	119.42 BTU/hr
Communication and Control		Dimensions and Weight	
HDBaseT	HDCP 2.2 EDID	Height	25mm/0.98in
HDMI	DVI/D supported with adapter (not included)	Width	108mm/4.25in
Power		Depth	106.7mm/4.2in
Power Supply	12V DC 1A	Weight	0.75kg/0.34lbs
Max Power Consumption	35W	Regulatory	
		Safety and Emission	CE FCC RoHS

Basic Wiring Diagram

