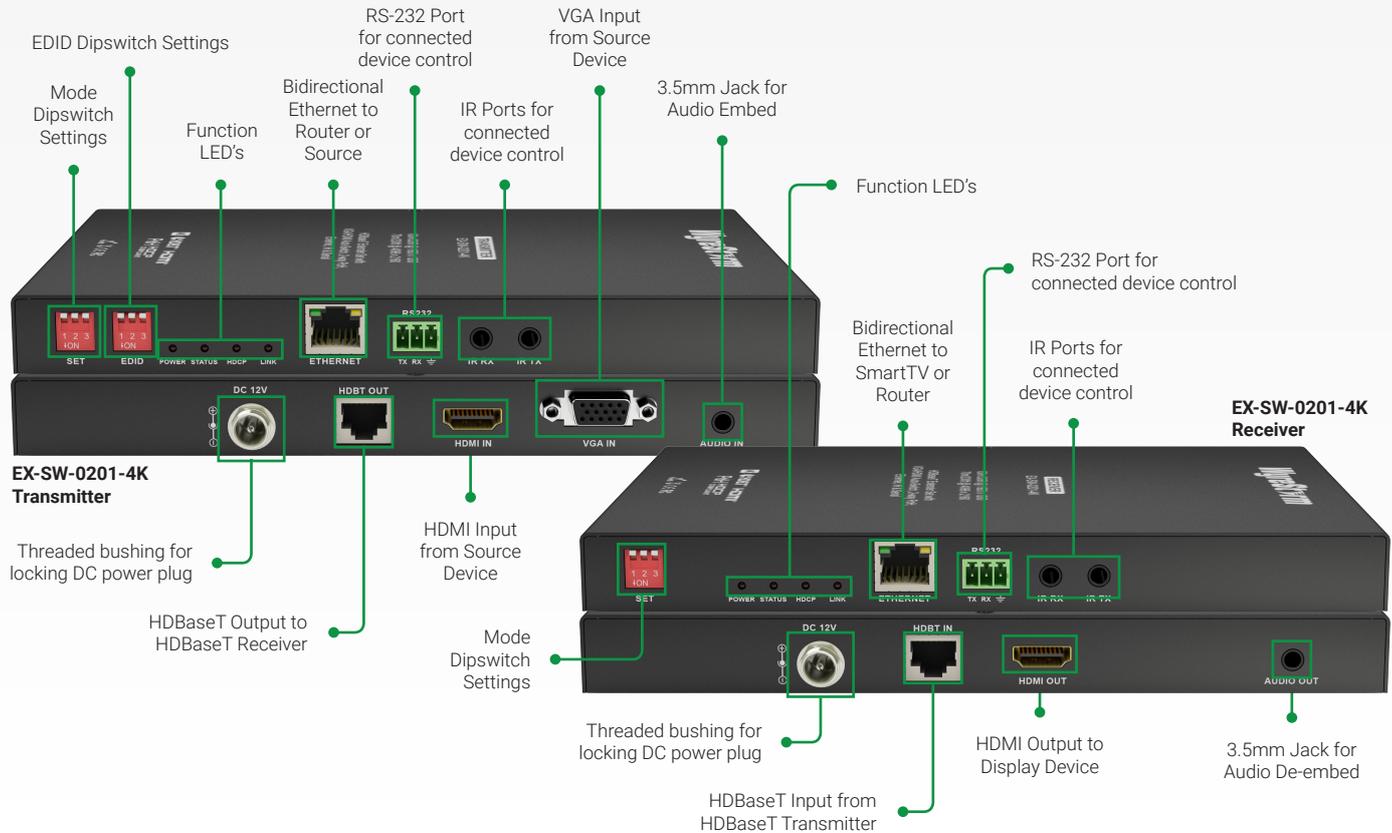**HDBaseT™ VGA/HDMI Extender Set with Bidirectional Ethernet, IR, RS-232 and 2-Way PoH (4K: 100m/328ft | 1080p: 150m/492ft)**

EX-SW-0201-4K

WyreStorm

Specification Sheet

EDID Dipswitch Settings

Mode Dipswitch Settings

Function LED's

Bidirectional Ethernet to Router or Source

RS-232 Port for connected device control

IR Ports for connected device control

VGA Input from Source Device

3.5mm Jack for Audio Embed

Function LED's

RS-232 Port for connected device control

Bidirectional Ethernet to SmartTV or Router

IR Ports for connected device control

EX-SW-0201-4K Receiver

EX-SW-0201-4K Transmitter

Threaded bushing for locking DC power plug

HDBaseT Output to HDBaseT Receiver

HDMI Input from Source Device

Mode Dipswitch Settings

Threaded bushing for locking DC power plug

HDBaseT Input from HDBaseT Transmitter

HDMI Output to Display Device

3.5mm Jack for Audio De-embed

WyreStorm - Because the Technology Matters.

Introduction

Supporting resolutions up to 4K, this fully-featured Class A HDBaseT extender is designed for use in small meeting room or classroom environments where distribution and control of VGA or HDMI devices up to 100m/328ft is required.

Key Features

- A full-featured HDBaseT™ extender set with the added feature of a VGA/HDMI auto-switching transmitter
- Transmits HD resolutions up to 1920x1200 to 100m/328ft
- Transmits 4K@60Hz (4096x2160) to 70m/230ft
- Auto-switching transmitter detects and selects VGA (+audio) and HDMI devices as soon as the source is connected
- 2-way PoH gives flexible installation options by allowing either the transmitter or receiver to be powered remotely
- Audio embed on transmitter and audio de-embed on receiver via 3.5mm jack connection for HDMI or VGA

- HDCP 2.2 compliant
- EDID management and DIP switch selection for manual setting of resolution, RS-232 control/firmware update function and long cable mode
- Low-profile 18mm chassis for unobtrusive installation
- Cable termination follows IEEE-568B standards
- LED indication for power supply to units, signal status to show established display connection, HDCP presence in signal and transmission link.
- Threaded bushings allow use of both standard and locking DC power plugs
- Energy efficient universal power supply included
- Mounting brackets included

In the Box

1x EX-SW-0201-4K Transmitter
1x EX-SW-0201-4K Receiver
2x 12V DC 2A Power Supply
2x 3-pin Screw Down Phoenix Connector

2x Wide-band IR Emitter
2x Wide-band IR Receiver (30-50KHz)
4x Mounting Brackets
1x Quickstart Guide

Specifications

Audio and Video

	Transmitter	Receiver
Inputs	1x HDMI 19-pin type A 1x VGA In 15-pin VGA VESA (D-SUB 15) 1x Audio In 3.5mm (1/8in) Stereo Jack	1x HDBaseT 8-pin RJ-45 female
Outputs	1x HDBaseT 8-pin RJ-45 female	1x HDMI 19-pin type A 1x Audio Out 3.5mm (1/8in) Stereo Jack
Audio Formats	2ch PCM | Up to 7.1 DTS-X and Dolby Atmos	

Video Resolutions (Max)	Resoluton	HDMI	Cat6	Cat6a/7
	1920x1080p @60Hz 16bit	15m/49ft	100m/328ft	100m/328ft
	3840x2160p @30Hz 4:4:4 8bit	7m/23ft	70m/230ft	100m/328ft
	4096x2160p @60Hz 8bit 4:2:0	7m/23ft	70m/230ft	100m/328ft

Supported Standards	DCI
Maximum Pixel Clock	297MHz

Communication and Control

HDMI	HDCP 2.2 Compliant | EDID | DVI/D supported with adapter (not included)
HDBaseT	HDCP 2.2 Compliant | EDID | PoH (2-way) | Bidirectional IR and RS-232
Ethernet	1x 8-pin RJ-45 female | 10/100 Mbps auto-negotiating
IR	1x IR TX 3.5mm (1/8in) Mono | Bidirectional over HDBaseT | 1x IR RX 3.5mm (1/8in) Stereo | Bidirectional over HDBaseT
RS-232	1x 3-pin Screw Down Phoenix Connector | Bidirectional over HDBaseT

Power

Power Supply	Input: 100~240V AC 50/60Hz | Output: 12V DC 2A
Max Power Consumption	26.5W
Non-standard PoH	48V 15.4W

Environmental

Operating Temperature	32°F ~ 113°F (0°C ~ 45°C) | 10% ~ 90%, non-condensing
Storage Temperature	-4°F to ~ 158°F (-20°C ~ +70°C) | 10% ~ 90%, non-condensing
Maximum BTU	90.42

Dimensions and Weight

Rack Units	<1U
Height	20mm/0.79in
Width	200mm/7.88in
Depth	134mm/5.28in
Weight	0.6kg/1.32lbs

Regulatory

Safety and Emission	CE | FCC | RoHS

Right Product for the Right Application.

EX-SW-0201 Transmitter (TX)

EX-SW-0201 Receiver (RX)

Key
- Digital Video
- HDBaseT/Ethernet
- Analog Video
- Analog Audio
- Control
- Power