



# HDBaseT Wall Plate Transmitter

Model: WP-HB-HVU70



## INTRODUCTION

WP-HB-HVU70 supports HDMI and VGA with audio inputs within a standard 2-Gang US Decora wall box. It can transmit HDMI signal over CAT6/6a/7 to the distance up to 131ft/40m for 4K2K@60Hz(4:4:4) or 1080p60Hz up to 230ft/70m. Auto-switching allows user to plug-in and play.

Built-in two-way IR, RS-232 and USB transmissions for easy device control.

## I/O INTERFACE

Transmitter: Inputs: 1x HDMI Type A, 1x VGA, 1x USB, 1x IR IN, 1x RS-232, 1x AUDIO IN

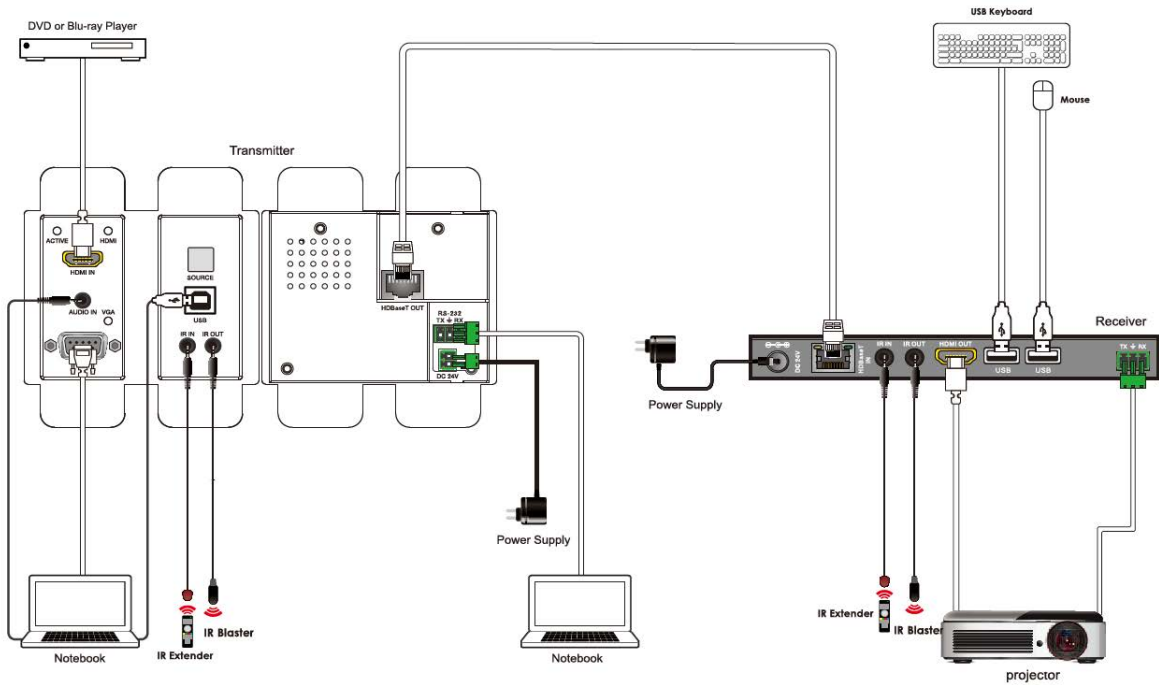
Outputs: 1x HDBaseT Out, 1x IR OUT

## FEATURES

- HDMI 2.0b 18Gbps, HDCP 2.2 compliant
- Up to 4K2K@60Hz(4:4:4), 4K2K@30Hz, 1080p@120Hz
- Up to 7.1 channels HD audio
- HDBaseT™ over a single CAT6/6a/7 cable up to 230ft/40m distance for 4K2K@60Hz(4:4:4) or up to 230ft/70m distance for 1080p60Hz
- Built-in scaling for VGA input
- Automatic and manual switching modes
- Two-way IR, RS-232 and USB supported
- 2-Gang US Decora Wall



## DIAGRAM



## SPECIFICATIONS

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2
Video Bandwidth	18 Gbps
HDMI Video Resolution	4K2K@50/60Hz 4:4:4 (max)
Color Space	RGB/YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
HDMI Audio Formats	LPCM, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-EX, DTS-96/24, DTS High Res, DTS-HD
VGA Video Resolution	Master Audio, DSD1080P@50/60Hz 4:4:4 (max)
ESD Protection	Human body model—±8kV (Air-gap discharge) &±4kV (Contact discharge)
Connections	
	Inputs: 1x HDMI Type A [19-pin female] 1x VGA [15-pin female]
	1x USB [USB-B]
	1x IR IN [Phoenix jack] 1x RS-232 [Phoenix jack]
Transmitter	1x AUDIO IN [3.5mm Stereo Mini-jack] Outputs: 1x HDBaseT Out [RJ45]
	1x IR OUT [Phoenix jack]
Mechanical	
Housing	Plastic Enclosure
Color	White
Dimensions	91.8mm [W] x 104.8mm [D] x 43mm [H]
Weight	212.5g
Power Supply	Input: AC100 - 240V 50/60Hz
	Output: DC 24V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	6W (Max)
Operating Temperature	32 - 104°F / 0 - 40°C
Storage Temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)