

Wall Plate 4K HDBaseT transmitter

TRI-ACV-DWT-5020

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

Features:

- Two inputs switching between HDMI and VGA to an HDBT output
- HDMI and VGA inputs AV switching transmitter.
- Supports automatic switching.
- HDMI input up to 4K@60Hz (YUV 4:2:0) and HDCP 2.2, VGA input up to 1920x1200@60Hz.
- Transmits 4K@60Hz (YUV 4:2:0) and 1080P@60Hz signal up to 100m/330ft via a Cat 6a/7 cable.
- Transmits 4K@60Hz (YUV 4:2:0) signal up to 70m/230ft and 1080P@60Hz signal up to 100m/330ft via a Cat 5e/6 cable.
- Supports RS232 and IR pass-through over HDBaseT.
- Supports one-way PoC function, the transmitter can be powered by the receiver with same PoC module.
- Can be powered by local DC 12V power supply and share power with near device via the 2-pin phoenix power out connector.
- Independent DIP switch provided for VGA EDID management.
- HDMI input EDID is copied from HDBaseT receiver.
- Supports firmware update.



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Technical specifications

Parameter	Value
Input Video Signal	VGA; HDMI (4K@60Hz YUV 4:2:0, HDCP 2.2)
Interface	1 x VGA IN, 1 x VGAAUDIO, 1 x HDMI IN, 1 x UPDATE, 1 x HDBT OUT, 1 x POWER IN (2 Pins, 3.5mm Phoenix Connector), 1 x POWER OFF (2 Pins, 3.5mm Phoenix Connector), 1 x RS232 (3 Pins, 3.5mm Phoenix Connector), 1 x IR OUT (2 Pins, 3.5mm Phoenix Connector)
Input Resolutions	VGA: Up to 1920x1200 HDMI: VESA: 800x600, 1024x768, 1280x768, 1280x800, 1280x960, 1280x1024, 1360x768, 1366x768, 1440x900, 1600x900, 1600x1200, 1680x1050, 1920x1200, 2560x1440, 2560x1600 SMPTE: 1280x720P8, 1920x1080i68 1920x1080P, 3840x21602.3,5,8, 4096x21602,3,5,8 1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = 60 Hz Note: 4096x2160/3840x2160@50Hz/60Hz is based on chroma sub-sampling 4:2:0 8bit only.
Output Video Signal	HDBaseT 1.0
Input Resolutions	1600x900, 1600x1200, 1680x1050 1920x1080P, 1920x1200, 2560x1440, 2560x1600, 3840x21602,3,5,8 3.5,8 4096x21602.3,5,8 1 = at 23.98 Hz, 2 = at 24 Hz, 3 = at 25 Hz, 4 = at 29.97 Hz, 5 = at 30 Hz, 6 = at 50 Hz, 7 = at 59.94 Hz, 8 = 60 Hz Note: 4096x2160/3840x2160@50Hz/60Hz is based on chroma sub-sampling 4:2:0 8-bit only.
Audio Format	HDMI: Supports multi-channel audio formats, including PCM 2.0/5.1/7.1, Dolby TrueHD, Dolby Atmos, DTS-HD Master Audio and DTS:X VGA Audio : Stereo
Maximum Data Rate	10.2Gbps
Control Method	Automatic switching, front panel button
Operating/storage Temperature	0°C to 45°C (32°F to 113°F), -20°C to 70°C (-4°F to 158°F)
Humidity	10% to 90%, non-condensing
ESD Protection	+8kV(Air-gap discharge)/ ±4kV(Contact discharge)
Power Consumption (Max)	3.9W, transmitter powers receiver
Power Supply	PoC, powered by receiver, or local power supply through the 12V phoenix connector
Device Dimension (Wx Hx D)	89mm x 38.4mm x 105.6mm/3.5" x 1.51" x 4.16"
Product Weight	0.3kg/0.66lb

For the most current specification information, please visit tri-star.co.in

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Cable Type	Range	Supported Video
CAT5e/CAT6	100m	1080P@60Hz 36 bpp
	70m	4K@30Hz 4:4:4, 24bpp
CAT6a/ CAT7	70m	4K@60Hz 4:2:0, 24bpp