

Model : ATZ VC-HDMI-V2-HDMI

Description : HDMI v2.0 18Gbps Repeater with 4K Scaler



The machine is a HDMI Repeater with one input and one output port, it can do scaler up/down/pass-through . Furthermore, both input and output HDMI support video resolution up to 4K2K@60Hz (YUV444) and HDMI high resolution digital audio formats bypass, LPCM 2CH, Dolby TrueHD, Dolby Digital Plus, Dolby Atmos and DTS-HD Master Audio, audio sampling rate up to 192 kHz. HDCP 2.2 and CEC bypass supported.

Features:

- HDMI 6G 20M Re-timer & Repeater with scaling
- Amplifies and equalizes the HDMI signal to provide high quality audio and video
- HDMI extension transmission over long cable and supports multiple layers cascading

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Notes: - All brand names and trademarks are properties of their respective holders and are referred to here for descriptive purpose only. Photo attached is for reference only, it may be slightly varied in items of colour, shape from the actual item delivered from time to time.

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- 20 meters HDMI high-speed cable extender (input max 10 meters, output max 10 meters at 4K2K@60Hz)
- 30 meters HDMI high-speed cable extender (input max 18 meters, output max 12 meters at 4K2K@30Hz)
- 40 meters HDMI high-speed cable extender (input max 25 meters, output max 15 meters at 1080p)
- Supports scaling up/down between 4K and 1080p (no frame rate conversion)
- HDCP 2.2 or HDCP 1.4 indicator
- Dolby® TrueHD, DTS-HD Master Audio™, and LPCM digital audio streams up to 7.1 channels
- HDCP/3D/CEC/Lip-Sync pass-through

Specifications:

Technical	
HDMI Compliance	HDMI 2.0b
HDCP Compliance	HDCP 2.2 and HDCP 1.4
Video Bandwidth	18 Gbps
Video Resolutions	up to 4K2K@50/60Hz(YUV4:4:4),4K2K@30Hz,1080P@120Hz, and 1080P 3D@60Hz
Color Space	RGB, YCbCr 4:4:4, YCbCr 4:2:2
Color Depth	10-bit, 12-bit
HDMI Audio Formats (Pass-through)	LPCM 2/5.1/7.1CH, Dolby Digital, DTS 5.1, Dolby Digital+, Dolby TrueHD, DTS-HD Master Audio
ESD Protection	Human body model — ±8kV (air-gap discharge) & ±4kV (contact discharge)
Connections	
Inputs	1x HDMI Type A [19-pin female]
Outputs	1x HDMI Type A [19-pin female]
USB Connector	1x Mini-USB (firmware upgrade only)
DC POWER	5V-1A DC-JACK

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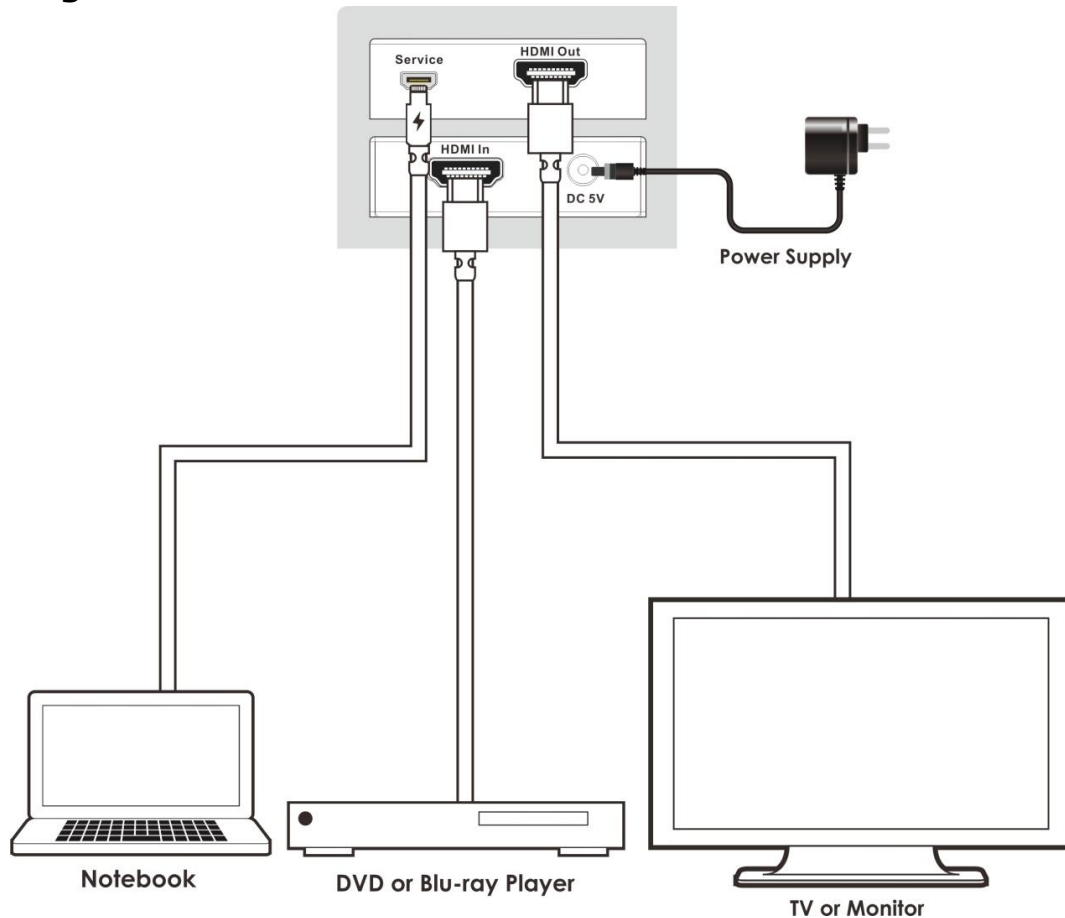
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Mechanical	
Housing	Metal Enclosure
Color	Black
Dimensions	81mm [W] x 55mm [D] x 16mm [H]
Weight	400g
Power Supply	Input: AC100 - 240V 50/60Hz Output: DC 5V/1A (US/EU standards, CE/FCC/UL certified)
Power Consumption	3W(Max)
Operation Temperature	32 - 104°F / 0 - 40°C
Storage temperature	-4 - 140°F / -20 - 60°C
Relative Humidity	20 - 90% RH (no condensation)

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Product Diagram:



Package contents:

- 1 x HDMI 18Gbps HDMI repeater with scaler
- 1 x 5V/1A Power Adaptor
- 1 x User Manual

Warranty: 2 Years

Warranty is effective from the date of original delivery.

This warranty shall be void if a serial number has been removed from the product.

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