

# 4K HDMI/DVI to HDMI Converter with Audio De-embedder VC881

- ATEN VC881 is a high-quality HDMI/DVI to HDMI converter with audio de-embedding function. Input a HDMI/DVI signal and it converts the signal to HDMI signal or extracts the HDMI audio signal. Advanced video support provides a better-defined connection with video resolutions up to 4K and complies with HDCP 1.4.

The VC881 offers the flexibility to support signal interface conversion (DVI to HDMI) and HDMI audio de-embedding. For HDMI audio de-embedding function, the VC881 splits the audio from HDMI video and converts it to S/PDIF, Coaxial, or a RCA Stereo Audio signal to support an audio system that is separate from the display. This allows HDMI video to continue to the display while supplying audio to an audio system near the HDMI source. In addition, the VC881 supports ARC to simplify the setting by eliminating the need for any separate S/PDIF audio connection.

The compact enclosure design and audio de-embedding capability make the VC881 ideal for bars, public transportation stations, and home theater settings.



Front view

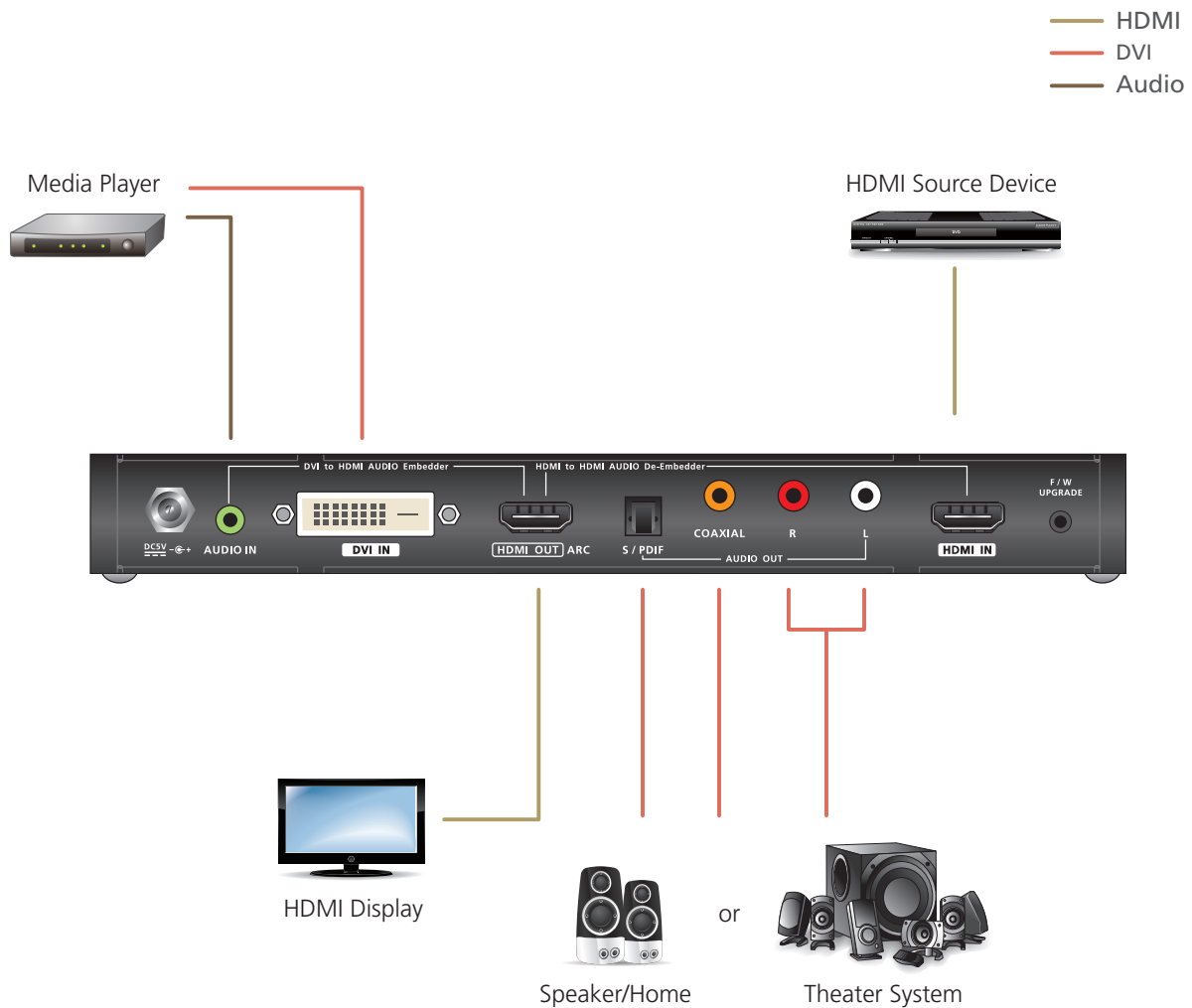


Rear view



## Features

- Easy mode selection via a pushbutton
  - HDMI to HDMI
  - DVI to HDMI
  - Audio Return Channel (ARC)
- HDMI 1.4 (3D, Deep Color, 4K); HDCP 1.4 compliant
- Superior video quality:
  - HDMI: up to 4K (3840 x 2160 @30Hz)
  - DVI: up to 1920 x 1200
- HDMI audio stream can be extracted and converts it to S/PDIF, Coaxial, or a RCA Stereo Audio signal
- LED indication of power status
- Firmware upgradable
- All metal casing



# Specifications

Function	VC881
<b>Video Input</b>	
Interfaces	1 x HDMI Type A Female (Black) 1 x DVI-D Female (White)
Impedance	100 Ω
Max. Distance	HDMI: 3 m DVI: 1.8 m
<b>Video Output</b>	
Interfaces	1 x HDMI Type A Female (Black) with ARC
Impedance	100 Ω
Max. Distance	3 m
<b>Video</b>	
Max. Data Rate	6.75 Gps (2.25 Gbps Per Lane)
Max. Pixel Clock	225 MHz
Compliance	HDMI 1.4 (3D, Deep Color) HDCP 1.4 Compatible
Max. Resolution	HDMI 3840 x 2160 @ 30Hz DVI 1920 x 1200
<b>Audio</b>	
Output	<b>Optical Audio:</b> 1 x Toslink (Black) <b>Coaxial Audio:</b> 1 x RCA female (Orange) <b>Stereo Audio:</b> 2 x RCA female (White / Red)
Input	<b>Stereo Audio:</b> 1 x 3.5 mm jack (Green)
<b>Switches</b>	
Mode Selection	Side Switch x 1 (HDMI Audio Out - ON/OFF) Side Switch x 1 (Audio Out Channel - AUTO/CH 5.1/CH 2) Push Button x 1 (Audio Function Selection) 1. HDMI to HDMI 2. DVI to HDMI 3. ARC (Audio Return Channel)
<b>Connectors</b>	
Power	1 x DC Jack, 5V, Lockable
Firmware Upgrade	1 x 3.5mm jack (FW upgrade)
<b>Power Consumption</b>	DC5V: 1.77W
<b>Environmental</b>	
Operating Temperature	0 - 40 °C
Storage Temperature	-20 - 60 °C
Humidity	0 - 80% RH, Non-Condensing
<b>Physical Properties</b>	
Housing	Metal
Weight	0.47 kg
Dimensions (L x W x H)	20.20 x 8.49 x 2.50 cm

Product information is subject to change without prior notice.

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