VC882

True 4K HDMI Repeater with Audio Embedder and De-Embedder

True 4K HDMI Audio Embedder and De-Embedder

HDMI HIGH-DEFINITION MULTIMEDIA INTERFACE

3D, Deep Color

4K TRUE

Superior Video Quality

Audio Embedding / De-embedding

ARC

Audio Return Channel

Stunning visual clarity with true 4K & HDR

Indulge in breathtaking clarity and vibrant colors with the VC882 HDMI switcher, featuring support for 4K HDR 10+ video at 60Hz that will elevate your viewing to a whole new level.
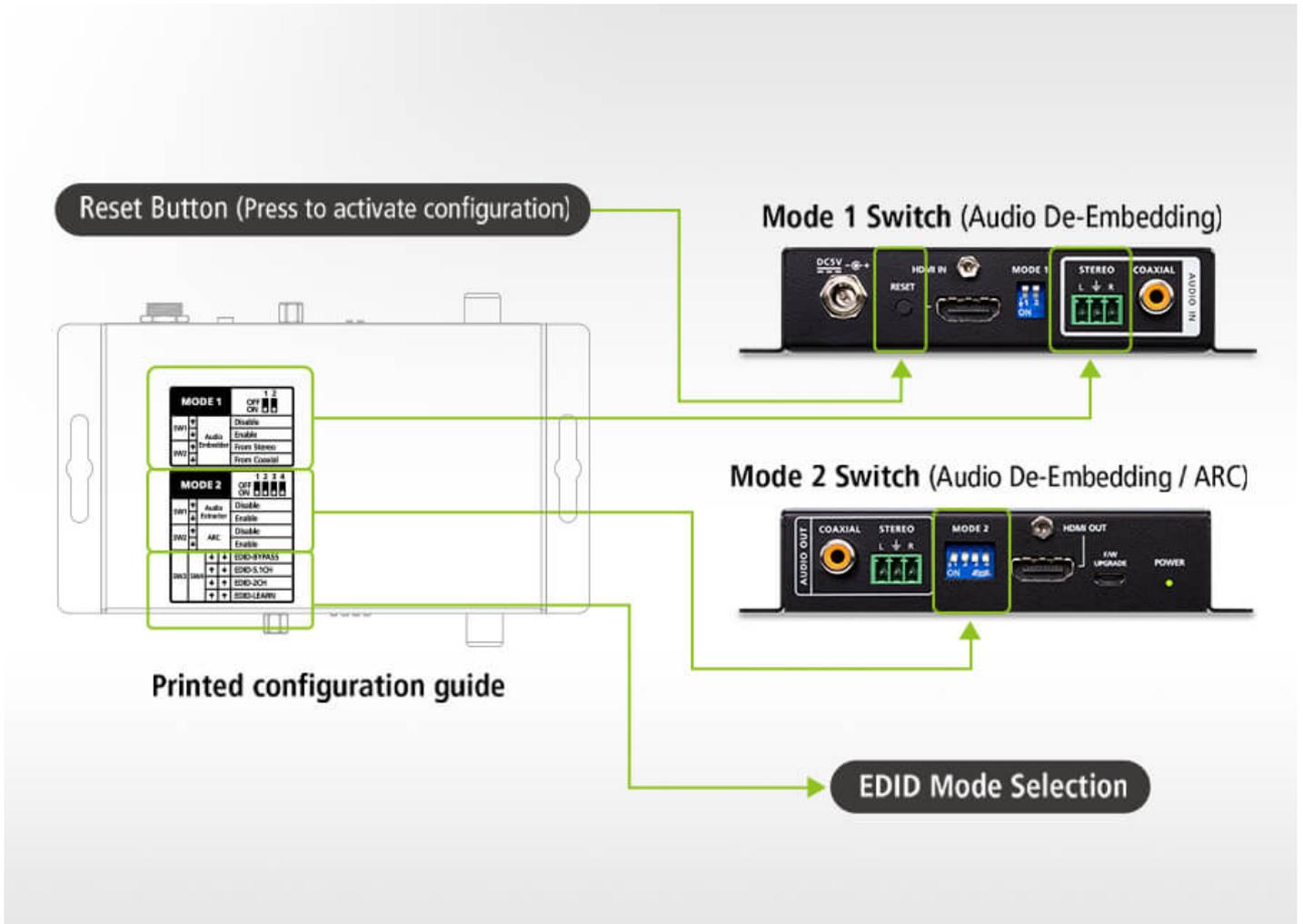
True 4K long-distance transmission

Enjoy stunning visuals with this HDMI switcher's support for input and output resolutions of 3840 x 2160@60Hz (4:4:4) / 4096 x 2160@60Hz (4:4:4) up to 5 meters*, providing you with a clear and vivid image even at longer distances.

*Tested with ATEN HDMI Cable 2L-7D05H-1.
**Note: ATEN LockPro™ (2X-EA12) is available separately upon purchase.

5m Signal In

5m Signal Out

Works with ATEN Cable Lock
LockPro™ for securing cables

Reset Button (Press to activate configuration)

Mode 1 Switch (Audio De-Embedding)

Mode 2 Switch (Audio De-Embedding / ARC)

Printed configuration guide

EDID Mode Selection

Simplified configuration

Easily configure VC882 with the included printed setup guide that covers audio embed/de-embed, ARC, and EDID options for hassle-free setup.

Contact Us

Get a quote for this product or get in touch with our sales experts
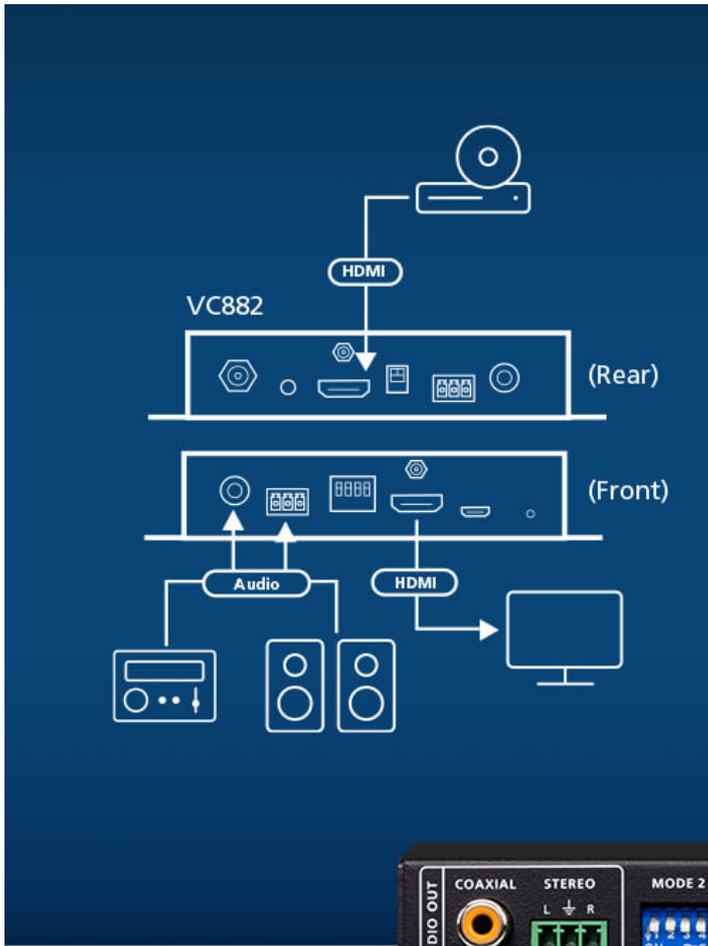
Get Quote

Contact Sales

Easy audio embedding

Enhance your viewing experience with the VC882 by simplifying audio embedding for monitoring and recording in settings such as training rooms and classrooms.

◄ Cooking School

◄ Classroom

Enjoy superior sound

Experience superior sound quality in conference rooms or home theaters with the VC882's audio de-embedding feature that separates the audio signal from the HDMI signal and outputs it to an amplifier or speaker.

Hassle-free audio setup

Eliminate the need for extra audio cables and enjoy am easy setup with the audio return channel (ARC) function, which directly outputs TV audio to speakers or amplifiers.
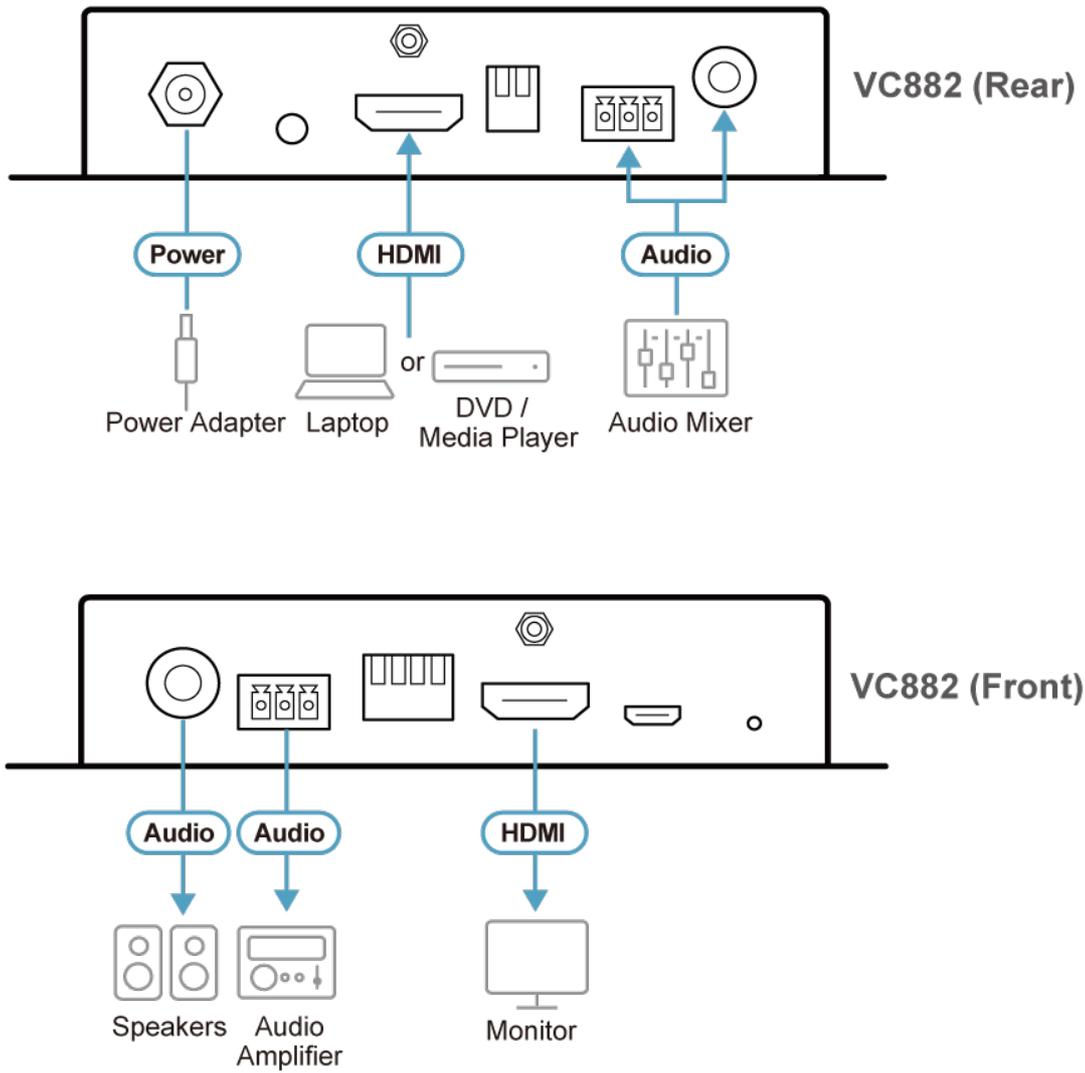
Product Comparison

Talk to Our Experts

If you prefer to have ATEN contact you, please complete the form and a representative will be in touch with you shortly

First Name *

Last Name *

- Country *

Company *

Email *

Phone Number *

- Customer Type *

Job Title *

Features

The VC882 is a True 4K HDMI Repeater with Audio Embedder and De-Embedder capable of embedding or de-embedding the HDMI audio signal, while supporting the HDMI signal transmission distance up to 5 meters with True 4K resolution. Apart from embedding a separate audio to an outgoing HDMI signal, the VC882 also allows audio extraction from the HDMI signal, and outputs the extracted signal through an alternative audio system.

In terms of the audio aspect, the VC882 works with versatile pass-through of HDMI audio formats – LPCM2.0, Dolby Digital 2.0, Dolby Digital 5.1 and DTS Digital 5.1. The VC882 also supports ARC function which eliminates the need of bulky cable setups when connecting an AV receiver, or a home theater system to a TV. When it comes to the video aspect, the VC882 supports True 4K (4096 x 2160 @ 60Hz 4:4:4) in HDR10, HDR10+, Dolby Vision and Hybrid Log-Gamma (HLG) formats to provide staggeringly crisp images. It is HDCP 2.2-compliant for content protection. The compact enclosure design, True 4K signal transmission, and embedding / de-embedding capability have made the VC882 ideal for training and conference rooms, video production, and home theater installations.

- Embeds audio to the HDMI output or de–embeds audio from the HDMI signal and outputs the extracted signal through an alternative audio system
- Easy embedding / de-embedding mode selection via 2 / 4-pin DIP switches
- HDMI (3D, Deep Color, True 4K); HDCP 2.2 compliant
- True 4K video quality – supports resolutions up to 4096 x 2160 @ 60Hz (4:4:4)
- Supports True 4K / HDR formats – HDR10, HDR10+, Dolby Vision and Hybrid Log-Gamma (HLG)
- Supports HDMI audio formats – LPCM 2.0, Dolby Digital 2.0, Dolby Digital 5.1 and DTS Digital 5.1
- Compact, portable metal enclosure designed for HDMI Lock-pro
- Firmware upgradable

Specifications

LEDs	
Power	LED (blue) x1
Reset Button	Push button x1 (to activate mode configuration)
Switches	
Mode Selection	MODE 1 (2-PIN) PIN#1 (Enable / Disable Audio Embedder Function) PIN#2 (Audio embed from Coaxial / Stereo) MODE 2 (4-PIN) PIN#1 (Enable / Disable Audio Extractor Function) PIN#2 (Enable / Disable ARC function) PIN#3&4 (EDID mode selection: Bypass, 5.1 CH, 2 CH, Learn)
Video Input	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5 meters
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 Ω
Max. Distance	5 meters
Video	
Max. Data Rate	18 Gps
Max. Pixel Clock	600 MHz
Compliance	HDMI 2.0 (3D, Deep Color) HDCP 2.2
Max. Resolution	4096 X 2160@60Hz(4:4:4) 8 bit
Audio	
Output	Coaxial x1 Format: LPCM2.0, Dolby Digital 2.0, Dolby Digital 5.1, DTS Digital 5.1 3-pin terminal block x 1 Format: Analog, stereo, unbalanced, LPCM2.0
Input	Coaxial x1 Format: LPCM2.0, Dolby Digital 2.0, Dolby Digital 5.1, DTS Digital 5.1 3-pin terminal block x 1 Format: Analog, stereo, unbalanced, LPCM2.0
Connectors	
Power	1 x DC Jack, 5V 1A, Lockable
Firmware Upgrade	1 x Micro USB
Power Consumption	DC5V:2.905W:9.92BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0 - 40 ºC
Storage Temperature	-20 - 60 ºC
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.24 kg (0.53 lb)

Dimensions (L x W x H)	12.22 x 8.22 x 2.50 cm (4.81 x 3.24 x 0.98 in.)
Carton Lot	5 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

VC882 (Rear)

Power — Power Adapter
HDMI — Laptop or DVD / Media Player
Audio — Audio Mixer

VC882 (Front)

Audio — Speakers
Audio — Audio Amplifier
HDMI — Monitor