



This compact yet versatile HDMI to HDMI UHD Scaler accepts and outputs a wide range of resolutions up to 4K@60Hz (4:4:4, 8-bit) with simultaneous audio embedding and de-embedding of digital (HDMI or optical) or analog audio. Integrated EDID and HDCP management options allow for control over the way connected sources and displays detect the unit. The scaled HDMI output is powered by a high quality single-pass scaling engine with the ability to adjust the image with a number of fine tuning options including: contrast, brightness, hue, saturation, sharpness, noise reduction, and RGB levels. 3-D motion adaptive de-interlacing and frame rate conversion is supported as well.

The HDMI input and output supports passing up to LPCM 7.1 digital audio as well as Bitstream and HD Bitstream audio formats. Audio embedding and de-embedding is also available with the included digital optical and analog stereo audio inputs and outputs (LPCM 2.0 only). Shortcut keys are provided to quickly change the output resolution to 1080p@60Hz or XGA when needed for quick connection to a display or for troubleshooting purposes. This is an ideal device to integrate previously incompatible sources and displays in your boardroom, classroom, or home. This unit is controlled via a comprehensive On-Screen Display (OSD) menu that provides the user with easy access to all settings.

PANELS

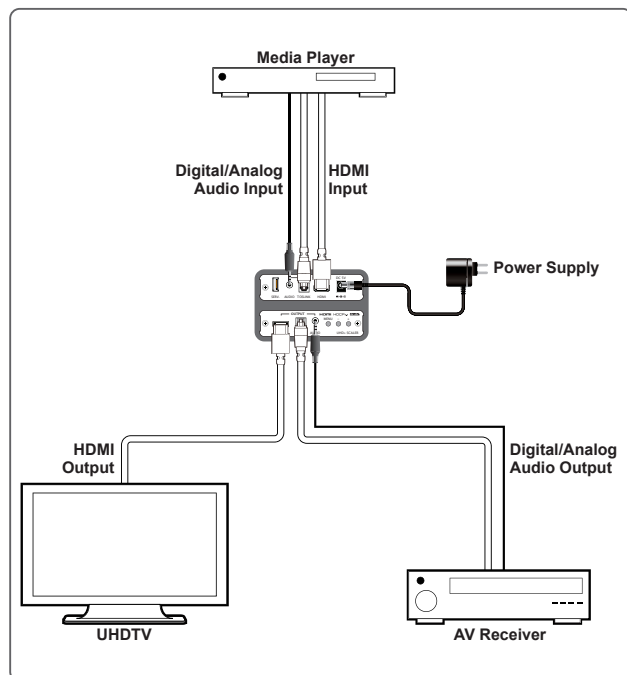


Front View



Rear View

DIAGRAM



FEATURES

- Scaled HDMI output supports resolutions from 640×480@60Hz up to 4096×2160p@60Hz (4:4:4, 8-bit)
- Supports pass-through of many audio formats including LPCM 2.0/5.1/7.1, Bitstream, and HD Bitstream via HDMI
- Supports audio embedding and de-embedding via digital optical and analog stereo audio inputs and outputs (LPCM 2.0 only)
- Supports frame rate conversion, 3-D motion adaptive de-interlacing, and 3:2/2:2 pull-down detection and recovery
- Supports video adjustments to contrast, brightness, hue, saturation, sharpness, RGB levels and aspect ratio
- Integrated EDID and HDCP management
- Controllable via front panel buttons with comprehensive OSD

SPECIFICATIONS

Interfaces

Input Port	1 HDMI
	1 Analog Stereo (3.5mm)
	1 S/PDIF (TOSLINK)
Output Port	1 HDMI
	1 Analog Stereo (3.5mm)
	1 S/PDIF (TOSLINK)

Video

HDMI Compliance HDMI 2.0 (DVI 1.0)

HDCP Compliance 2.x

Input Signal Type 4K@60 8bit YUV 4:4:4

Output Signal Type 4K@60 8bit YUV 4:4:4

		Resolutions
Maximum Input	HDMI	4096×2160p@60
Maximum Output	HDMI	4096×2160p@60

Power

Power Supply 5V/2.6A DC (US/EU standards, CE/FCC/UL certified)

Power Consumption 11W

Enclosure

Chassis Material Aluminum

Chassis Color Black

Dimensions (W×H×D) 102mm×25mm×147mm [Case Only]
102mm×25mm×155.75mm [All Inclusive]

Weight 350g

Field Firmware Update

USB

ORDERING INFORMATION

Model No.	Product Description
CP-259UHD	UHD ⁺ HDMI to HDMI Scaler