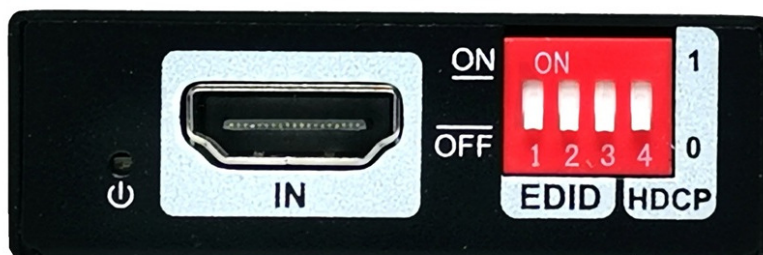


Model : ATZ HDMI-HM
Description: 18G HDMI Manager for EDID & HDCP



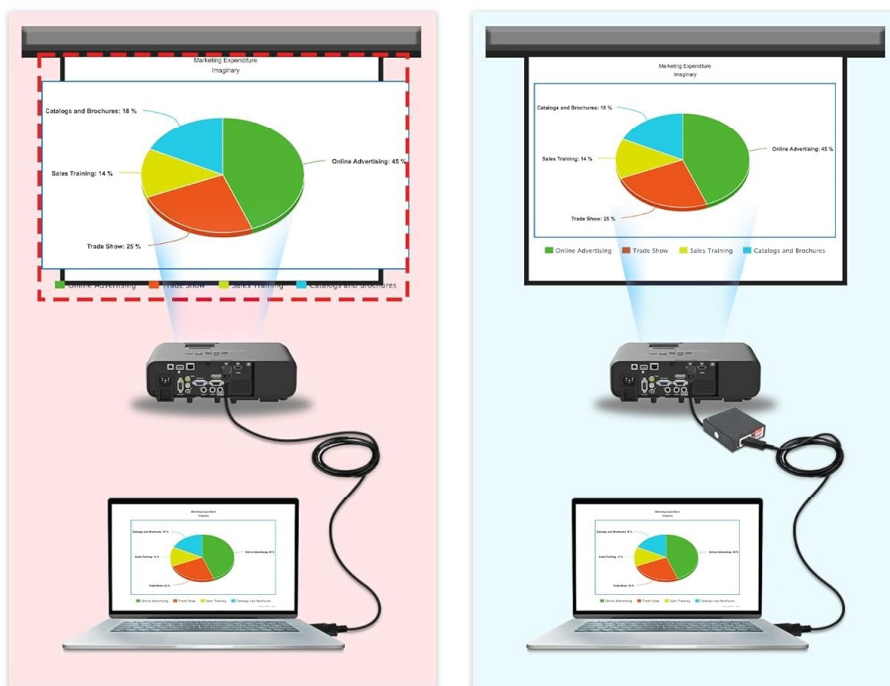
The ATZ HDMI-HM is a 18G HDMI manager with flexible EDID and compliant HDCP management, which is perfect to overcome any compatibility issues with source and display. It supports up to 4K@60 4:4:4 and HDCP2.2. The product is power by exiting HDMI cable or USB-C cable, and it support auto-downscaling.

Features:

- Supports 18G bandwidth HDMI 2.0 and HDCP 2.2 compliance
- Compatible with input source devices that push out 4K 60Hz resolution with support for auto-downscaling. Can be used to convert HDCP 2.2 to 1.4
- Supports EDID & HDCP management, Eliminate most HDCP and EDID incompatibility issues between source devices and displays. Use the DIP switch to manage HDCP, and choose from 8 different predefined EDID settings, or upload a user defined EDID setting (via USB-C) based on your preference.
- Power by either HDMI cable or USB-C cables (Please note that cables are not included)
- Support CEC Toggle switch that allows users to turn CEC function on or off
- Plug and play functionality allows easy integrated within any setup
- Small and compact design allows device to be used in anywhere with ease

Helps Adjust Resolution to Fit Your Display Perfectly

With the help of this EDID emulator, you can stop worrying about overscan or underscan resolution



KEYS

Without EDID Emulator

With EDID Emulator

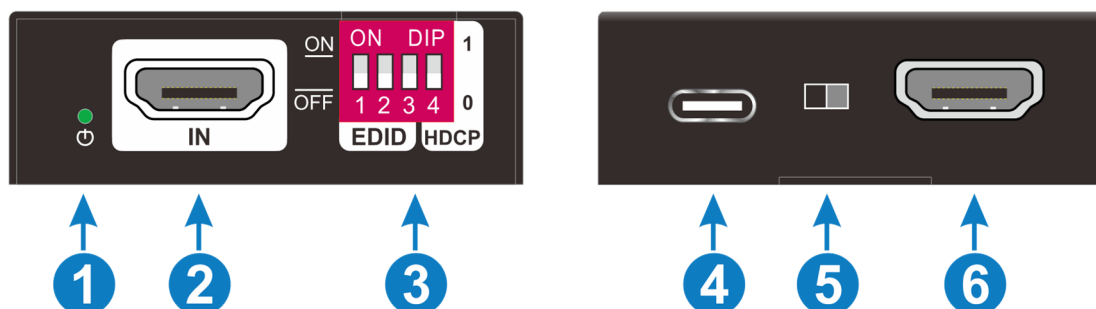
Model : ATZ HDMI-HM
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Specifications:

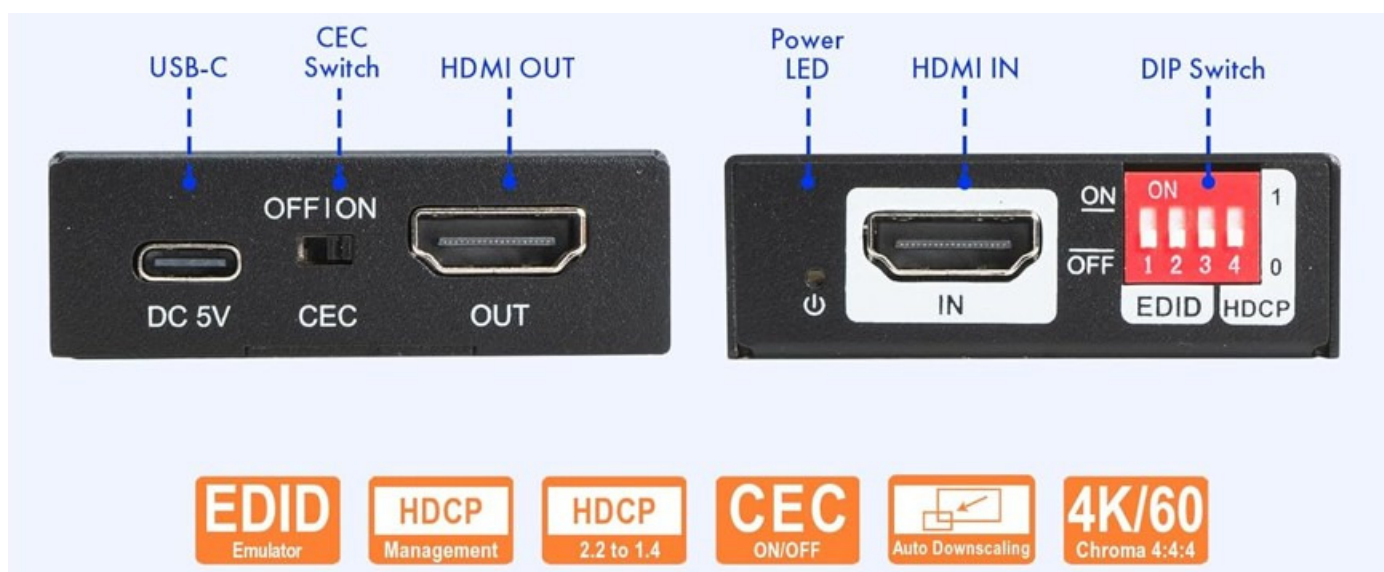
Video Input	
Input Connector	1 x HDMI 2.0 type-A Female
Input Resolution	Up to 4K@60Hz 4:4:4
Video Output	
Output Connector	1 x HDMI 2.0 type-A Female
Output Resolution	Up to 4K@60Hz 4:4:4
General	
Bandwidth	18Gbps
Power Supply	5v 1a
Power Consumption	2.4w (MAX)
Dimension (W*H*D)	54 x 18 x 60mm
Net Weight	85g

Model : ATZ HDMI-HM
Description: 18G HDMI Manager for EDID & HDCP

Panel Description:



1. Power LED: The LED indicates green when power on
2. HDMI IN: HDMI2.0 input, connect to source
3. DIP Switch: 4-pin dip switch for EDID and HDCP management
4. USB-C: USB-C is used to power the machine, upload EDID and firmware upgrade
5. CEC Switch: Turn on/off the CEC
6. HDMI OUT: HDMI 2.0 output, connect to display

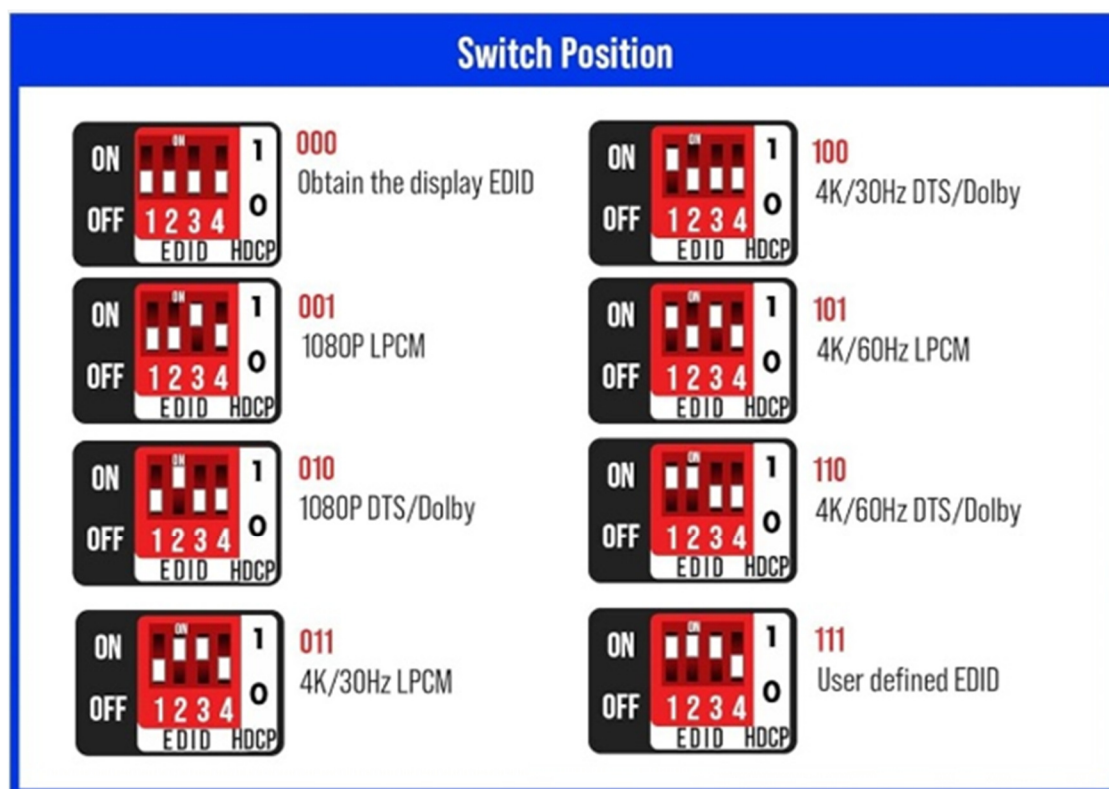


Management:

1) Predefined EDID Setting:

Customize your display settings with a variety of EDID emulation options. Choose from common HD and UHD resolutions, as well as custom and pass through settings.

Switch Status	Video Resolution	Audio Format
000	Obtain Display EDID	
001	1080p	LPCM
010	1080p	DTS / Dolby
011	3840 x 2160 @ 30Hz HDR	LPCM
100	3840 x 2160 @ 30Hz HDR	DTS / Dolby
101	3840 x 2160 @ 60Hz HDR	LPCM
110	3840 x 2160 @ 60Hz HDR	DTS / Dolby
111	User Define EDID (Default)	



User Defined EDID Setting:

1) Rename the user defined EDID as follow:

0803C000.DAT

2) Connect the machine to the PC and the PC will detect a U-disk named "BOOTDISK".

3) Copy the EDID file into the U-disk, and then open the U-disk. If there is a SUCCESS. TXT file, it means that the EDID upload is successful.

4) Power on the machine.

Model : ATZ HDMI-HM
Description: 18G HDMI Manager for EDID & HDCP

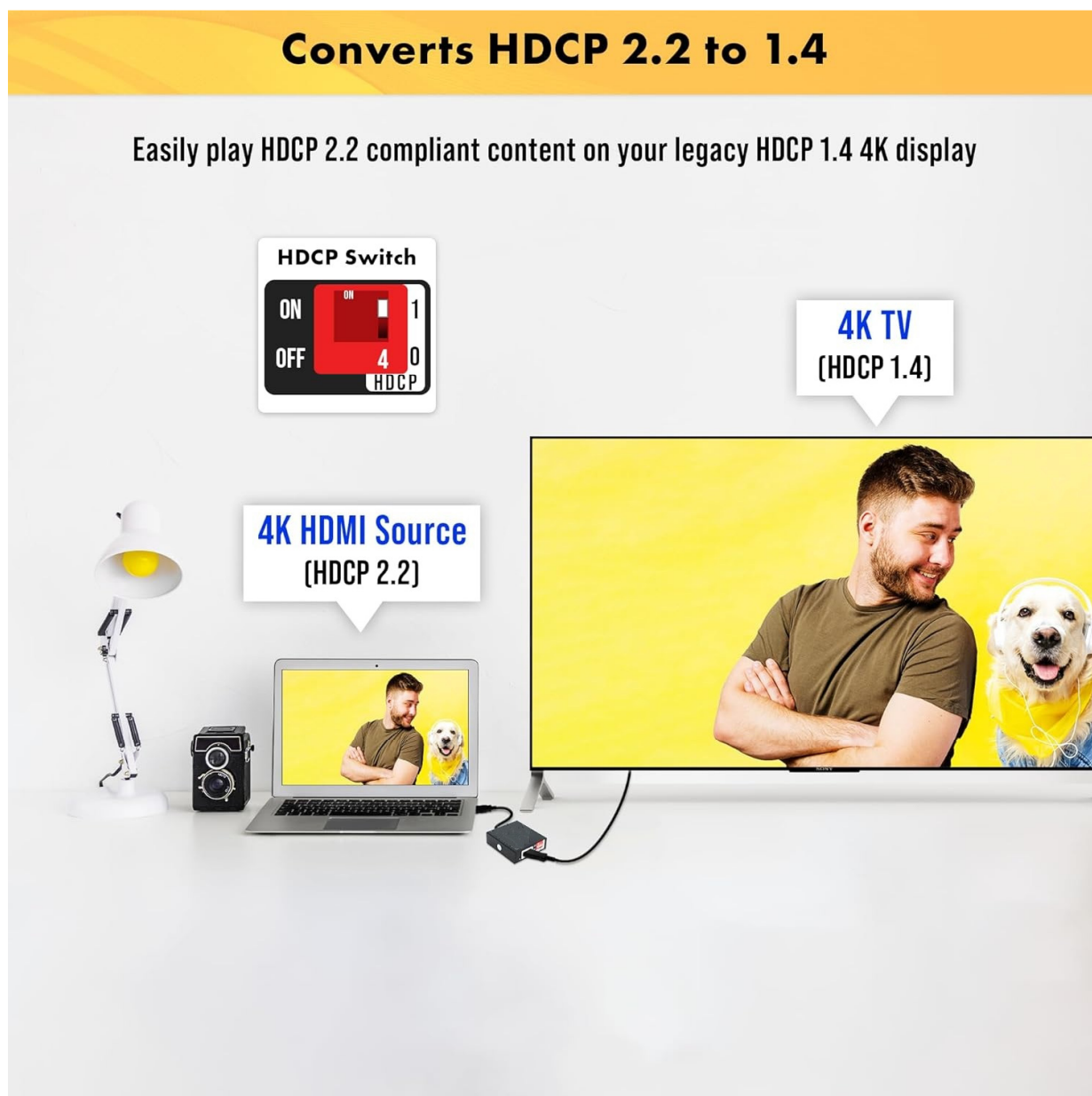
2) HDCP management:

Ensure robust handshake connections with HDCP handling via a simple dip switch. This feature guarantees secure and reliable transmission of protected content.

Status	HDCP Function
1	Show a identify code to Source that no HDCP is supported by the device, then the source will assume that no HDCP is supported by the device and will send the content without HDCP encryption if the signal format allows it
0	Switch off HDCP management (Default)

Converts HDCP 2.2 to 1.4

Easily play HDCP 2.2 compliant content on your legacy HDCP 1.4 4K display



The diagram illustrates the setup for playing HDCP 2.2 content on a legacy HDCP 1.4 4K display. A 4K HDMI Source (HDCP 2.2) is connected to a 4K TV (HDCP 1.4) via the ATZ HDMI Manager. A dip switch is shown in the 'ON' position, indicating HDCP 2.2 to 1.4 conversion. The TV displays a man and a dog, demonstrating the successful playback of HDCP 2.2 content on a legacy HDCP 1.4 display.

Model : ATZ HDMI-HM
Description: 18G HDMI Manager for EDID & HDCP

3) CEC management:

Integrate your system seamlessly and enhance reliability with the unique CEC on/off switch. This switch provides secure system integration and allows for easy control of connected devices.



Default: On position

Upgrade

1) Rename the upgrade file according as follow:

08009000.APP

2) Connect the PT-HM1 to the PC with USB cable, the PC will detect a U-disk named "BOOTDISK".

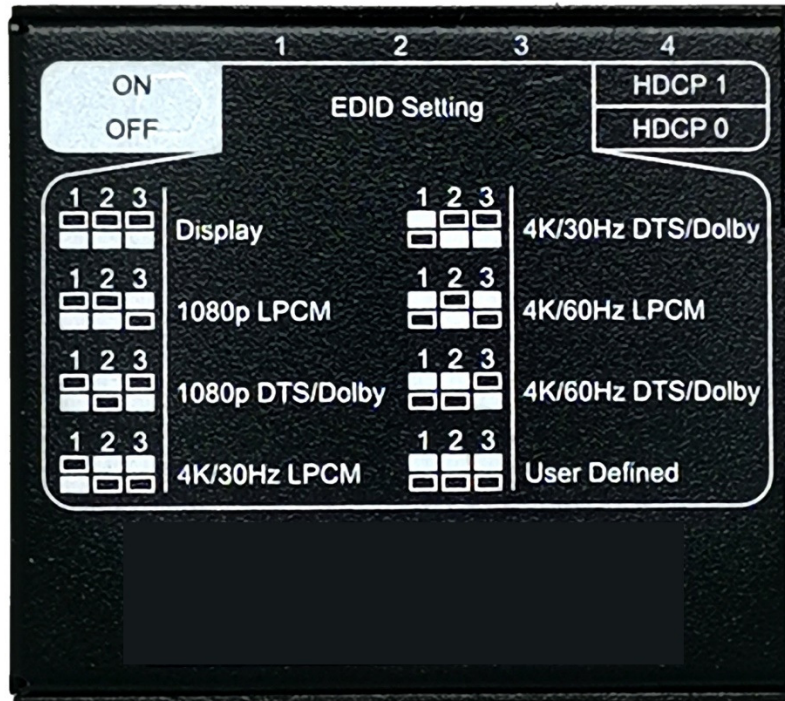
3) Copy the file into the U-disk, and then open the U-disk. If there is a SUCCESS.TXT file, it means upgrade is successful, and if there is an UNKNOWN.TXT file, it means fail.

Model : ATZ HDMI-HM
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Product Picture:

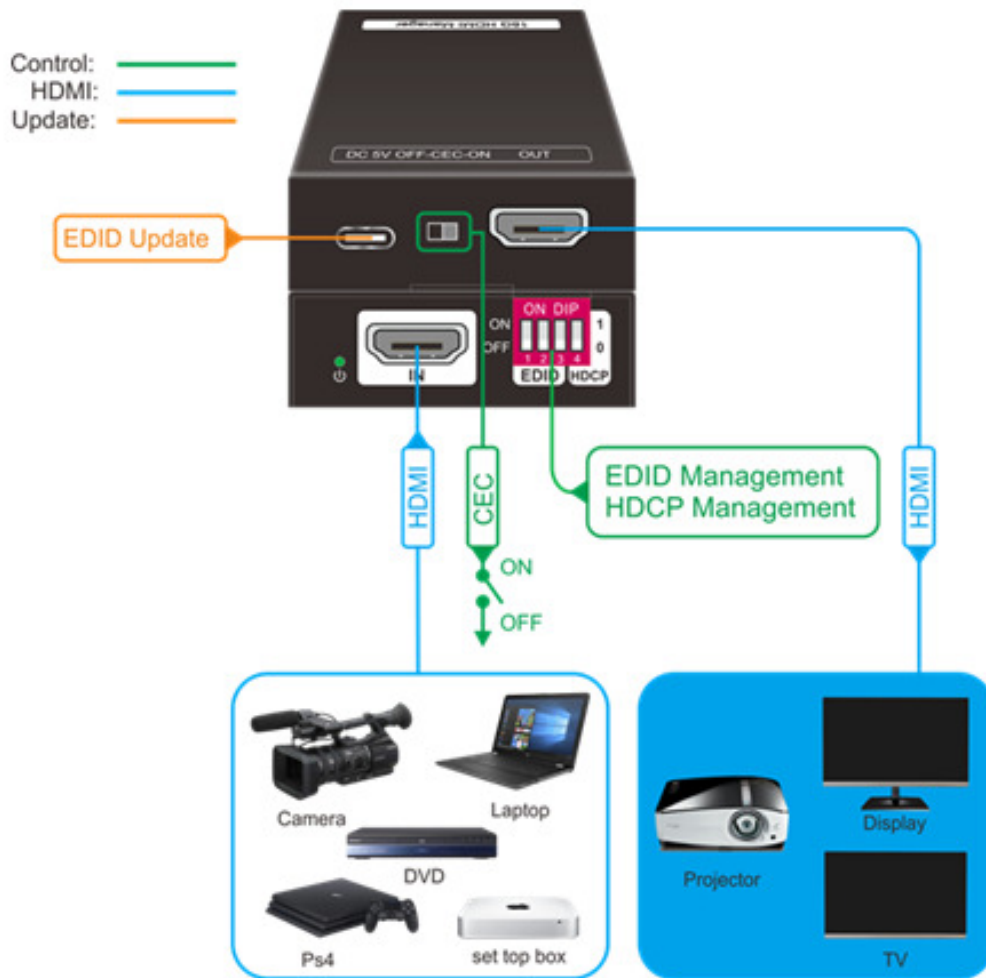


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Model : ATZ HDMI-HM
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Application Diagram:



Package Contents:

- 1 x ATZ HDMI-HM
- 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.



HDMI
HIGH-DEFINITION MULTIMEDIA INTERFACE

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