

COOSIS™

HD DISTRIBUTION CENTER

HDMI 1 to 8 Splitter Pro v1.4

EN USER MANUAL | HDC.18.PRO

HDMI v1.4 w/ 4K*2K & Full 3D Support

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⚠ ATTENTION

Thank you for purchasing a Coosis product. Please read this manual carefully before using the product to ensure proper installation and safety precautions. Please keep this manual for future reference. Coosis Limited reserves the right to make changes in the hardware, packaging and any accompanying documentation without prior written notice.

⚠ IMPORTANT SAFETY INFORMATION

The product has been tested for conformance with safety regulations and requirements, and has been certified for international use. However, like all electronic equipment, the Product should be used with care. Read the following safety instructions to protect yourself from possible injury and to minimize the risk of damage to the unit.

- ✓ Do not dismantle the housing or modify the module.
- ✓ Dismantling the housing or modifying the module may result in electrical shock or burn.
- ✓ Refer all servicing to qualified service personnel.
- ✓ Do not attempt to service this product yourself as opening or removing housing may expose you to dangerous voltage or other hazards.
- ✓ Keep the module away from liquids.
- ✓ Spillage into the housing may result in fire, electrical shock, or equipment damage. If an object or liquid falls or spills on to the housing, unplug the module immediately.
- ✓ Have the module checked by a qualified service engineer before using it again.
- ✓ Do not use liquid or aerosol cleaners to clean this unit. Always unplug the power to the device before cleaning.

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1 Introduction

Coosis HD Distribution Center 1 to 8 HDMI Splitter Pro (SKU: HDC.18.PRO) is a powerful device that distributes one HDMI input to eight HDMI displays for duplicated images up to 4K*2K (3840 x 2160 @ 30Hz) resolution. Alternately, HDC.18.PRO can be combined in a "pyramid-" network of multiple units to create a larger signal distribution. With HDC.18.PRO, worlds of creative HDMI distribution solutions are at your fingertips.

HDC.18.PRO supports all HDMI 1.4 features including 3D, deep color upto 48bits/pixel, Lip-sync, and lossless audio formats such as LPCM 7.1, Dolby® TrueHD, Dolby Digital® Plus, and DTS-HD® Master Audio™ etc . It is also compliant with HDCP 1.0 to 1.4 versions, and each output can work independently when connected to an HDMI display. Intelligent EDID auto-determiner and additional 13 EDID models make HDC.18.PRO can fit native EDID data of any output or display. Considering the further upgrading demands of varied applications, the firmware of HDC.18.PRO can be updated through the mini-USB port on the front panel.

2 Package Contents

- 1 X Coosis HDMI Distribution Center 1-8 splitter Pro (SKU: HDC.18.PRO)
- 1 X Power Supply (+5V DC, 2A)
- 1 X User Manual

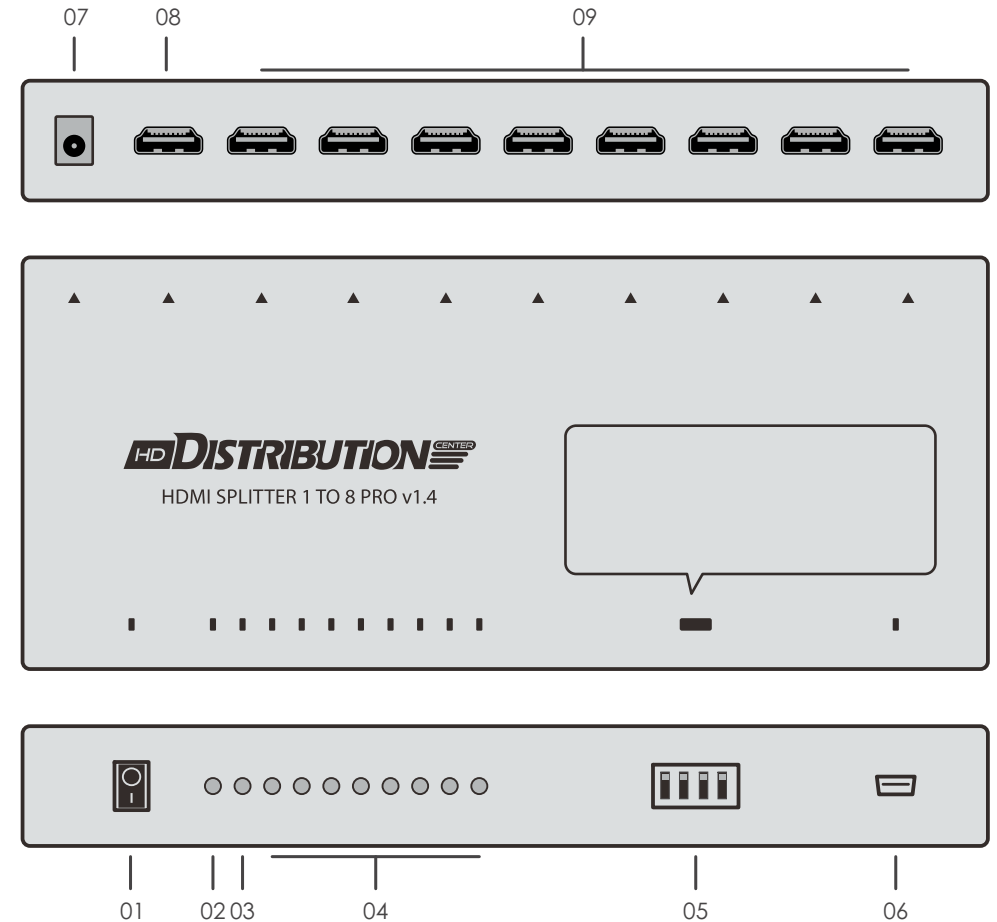
3 Specifications

- ❖ A&V input port: 1 x HDMI Standard 19pin female
- ❖ A&V output ports: 8 x HDMI Standard 19pin female
- ❖ Resolutions support: 4K*2K@30Hz, 1080P@120Hz, 1080P 3D @60Hz and lower
- ❖ Power Supply: 5V DC@2A
- ❖ Dimensions: 258 X 110 X 32mm
- ❖ Material: Aluminium Alloy Housing
- ❖ Shipping Weight: 720g

4 Before Installation

- ✓ Put the product in an even and stable location. If the product falls or is dropped, it may cause an injury or malfunction.
- ✓ Do not place the product in too high of a temperature (over 80°C), too low of a temperature (under -20°C) or high humidity.
- ✓ Use the DC power adapter with correct specifications. If an inappropriate power supply is used, then it may cause a fire.

5 Panel Description



- | | | | |
|-----|----------------------------|-----|-------------------------|
| 01# | Power Switcher | 06# | Firmwave Upgrading Port |
| 02# | Power Indicator | 07# | Power Connector |
| 03# | HDMI-IN Indicator | 08# | HDMI Input Port |
| 04# | HDMI Out 1 to 8 Indicators | 09# | HDMI Output #1to #8 |

05# EDID Mini-Switcher (more detail on P3)

6 EDID CONFIGURATION

05# EDID Configuration



#0000 - Copy EDID from OUT#1	#1000 - 3D, 1080p w/ DTS 5.1
#0001 - 1080p w/ 2.0 Stereo Audio	#1001 - 3D, 1080p w/ HD Audio
#0010 - 1080p w/ DTS 5.1	#1010 - 4K*2K w/ 2.0 Stereo Audio
#0011 - 1080p w/ HD Audio	#1011 - 4K*2K w/ DTS 5.1
#0100 - 1080i w/ 2.0 Stereo Audio	#1100 - 4K*2K w/ HD Audio
#0101 - 1080i w/ DTS 5.1	#1101 - #
#0110 - 1080i w/ HD Audio	#1110 - #
#0111 - 3D, 1080p w/ 2.0 Stereo Audio	#1111 - Auto EDID Detection

7 Installation

- Step01: Power off all the prepared media devices and the splitter;
- Step02:
 - ▶ Connect your media source to the HDMI Input (08) of HDC.18.PRO;
 - ▶ Connect your displays/projectors to the HDMI Outputs (09);
- Step03: Select the appropriate EDID model for the outputs via EDID Mini-switcher (05);
- Step04: Connect the power plug to the Power Connector (07);
- Step05: Power on all the connected devices and HDC.18.PRO