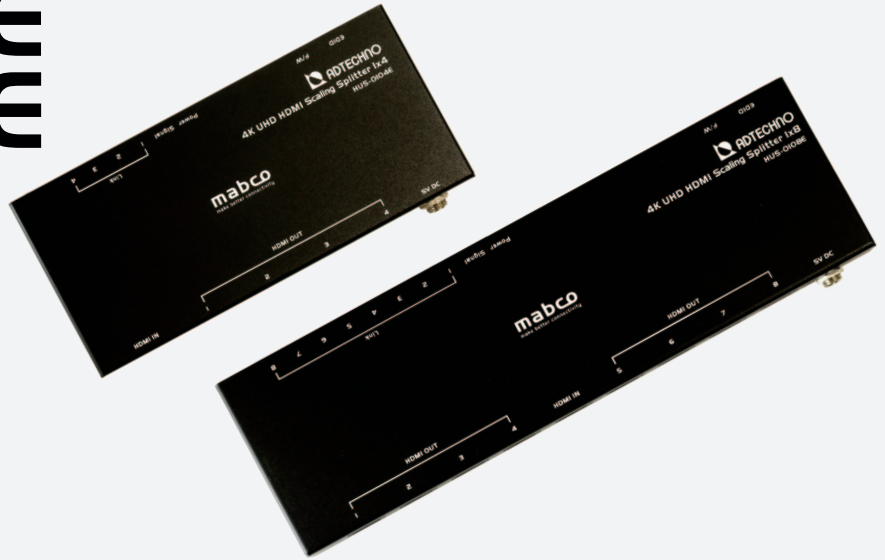


# HDMI2.0a splitter with scaling function

# HUS-0104E HUS-0108E

**4 and 8-way splitter with automatic downscaling and HDCP revision conversion**

- 4K@60 4:4:4 18Gbps
- 4way HDMI splitter HUS-0104E / 8way HDMI splitter HUS0108E
- Downscaling and HDCP revision conversion
- Supports xvYCC (x.v.Color) and Deep Color
- Automatic EDID analysis and emulation
- Screw-lock DC connector



## Introduction

The HUS-0104E and HUS-0108E splitter is able to automatically downscale and convert HDCP revision according to EDID and HDCP of connected display equipment.

The HUS-0104E/HUS-0108E supports maximum 4K@60 4:4:4 (18Gbps) input. The splitter is able to output to displays with different specifications as "4K@60 4:4:4 (18Gbps)/HDCP2.2" and "1080p@60/HDCP1.4" at the same time by automatically converting the format according to each attached display equipment. The splitter is able to output at each displays optimal resolution even if displays with different specifications as 4K (HDCP2.2) and full HD (HDCP1.4) are connected.

HUS-0104E/HUS-0108E is also capable of delivering premium Ultra HD content with HDR (High Dynamic Range), supporting both xvYCC (x.v.Color) and Deep Color as well as up to 7.1ch surround sound. Automatic EDID analysis mode and EDID emulation are also supported.

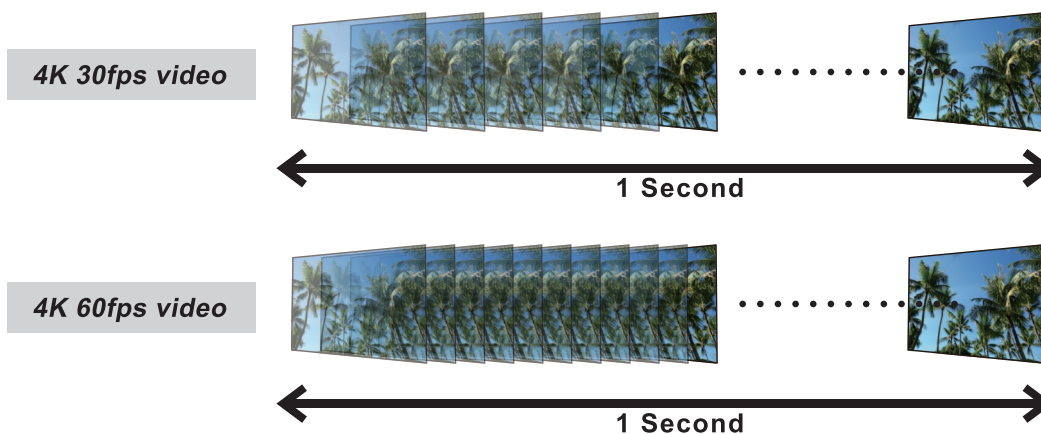
6 preset EDID configurations, automatic EDID analysis mode and EDID acquisition from Port 1 can be selected by DIP switch providing a versatile range of settings and preventing display losses due to cable disconnection or power loss.

The HUS-0104E/HUS-0108E also features a screw-lock DC connector, preventing accidental disconnections especially from heavy sound vibrations. Cascade connection is supported up to 2 levels with a maximum limit of 64 sink devices \*1).

By enabling output to displays with different specifications (4K and Full HD etc.) at each displays highest resolution this 4K HDMI splitter with automatic downscaling can be utilized at exhibitions, events and advertisement.

## 4K@60 4:4:4 18Gbps

Delivers 4K Ultra HD videos (3840x2160) at up to 60 frames per second from a wide range of 4K formats such as 4K/60p/4:2:2/36bit, 4K/60p/4:4:4/24bit, 4K/24p (30p) /4:4:4:36bit.



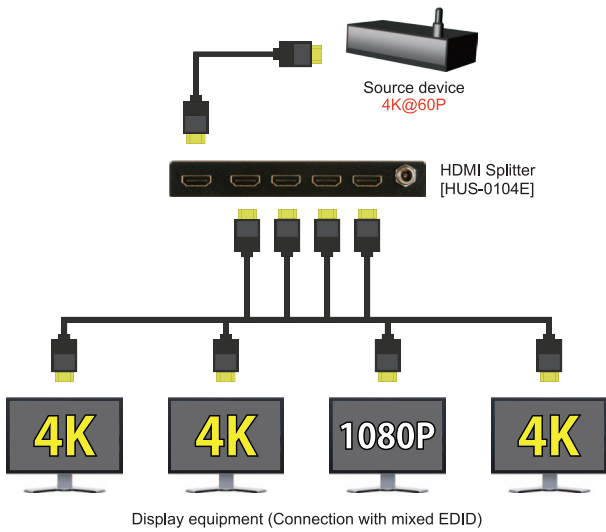
**Smooth playback of 4K videos with double the amount of frames in 1 second.**

## Supports xvYCC (x.v.Color) and Deep Color

Wide color gamut due to xvYCC (x.v.Color), higher video signal processing due to Deep color and up to 7.1ch surround sound are supported.

## Downscaling and HDCP revision conversion

When connecting a 4K@60 4:4:4 (18Gbps) source to display equipment with different resolution and HDCP revisions as "4K@60 4:4:4 (18Gbps)/HDCP2.2" or "1080p@60/HDCP1.4" the splitter will automatically adjust the output and display the content at each displays highest resolution.

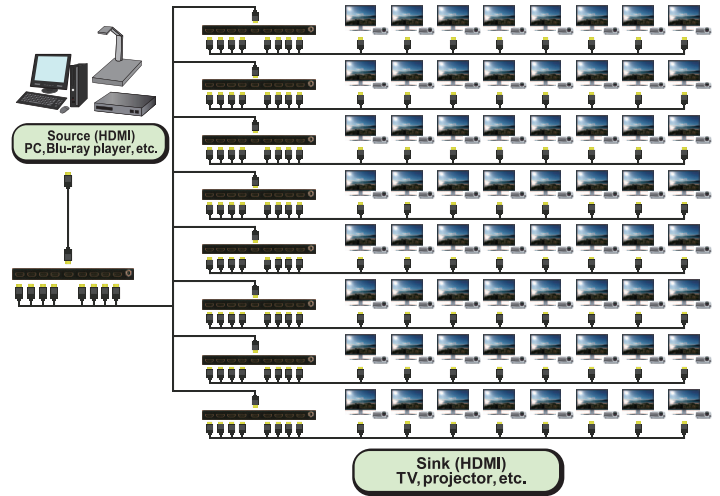


## HDCP 2.2 / 1.4

Supports premium 4K video contents requiring HDCP 2.2.  
Also backward compatible with HDCP 1.4 protected media contents.

## Two-level cascade connection

Cascade connection is supported up to 2 levels with a maximum limit of 64 sink devices. Splitter can be utilized with great effect during exhibitions, events or at superstores.



## HDR (High Dynamic Range)

Supports HDR 4K videos to display finer details with a higher contrast ratio.



Normal output

HDR output

## Automatic EDID analysis and emulation

6 preset EDID configurations, automatic EDID analysis mode and EDID acquisition from Port 1 can be selected by DIP switch providing a versatile range of settings and preventing display losses due to cable disconnection or power loss.



## Screw-lock type DC connector

Screw-lock type DC connector plug provides a tight, secure connection preventing power loss resulting from accidental disconnections.



## Specifications

Model	HUS-0104E	HUS-0108E
HDMI	Ver2.0A	
HDCP	2.2, 1.4 compliant	
Video format compatibility	480i/480p/720p/1080i/1080p60/1080p60 3D (*2) / 4K UHD@30 (*2) / 4K UHD@60 (*2) / 4K DCI@60 (*2) / 4K UHD@60 and 4K DCI@60 at Y.Pb.Pr 4:4:4 24bit Y.Pb.Pr 4:2:2 36bit color depth 4K UHD@60 and 4K DCI@60 HDR at Y.Pb.Pr 4:2:0 30bit color depth	
VESA (PC) resolution compatibility (*3)	SVGA (800*600), XGA (1024*768), WXGA(1280*768,1280*800) FWXGA(1360*768,1366*768), SXGA(1280*1024) WXGA+(1440*900), WSXGA+(1680*1050) Full HD(1920*1080), WUXGA(1920*1200)	
Max bandwidth	18Gbps	
Max transfer rate	600MHz	
Max connections (HDMI sink devices)	16	64
EDID	6 preset EDID configurations, automatic EDID analysis mode and EDID acquisition from Port 1	
Input ports	HDMI x1	
Output ports	4	8
HDMI connector type	Type A	
Dimensions (*Excluding protrusions)		
Weight		
Power supply	DC 5V 4A	
Power consumption		
Operating/Storage temperature	0°C~ 40°C / -20°C~ 60°C	
Operating humidity	20% ~ 90% (No condensation)	
Package contents	HUS-0104E or HUS-0108E, AC adapter, mounting bracket x2, Screw x4, manual	

\*1 not guaranteed to be compatible with all devices.

\*2 not compatible with PC output

\*3 not guaranteed to be compatible with all PCs

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※x.v.Color is a trademark or registered trademark of Sony Corporation.

※ARC,CEC not supported.

※Due to product improvements, specifications are subject to change without notice.

The latest information and the detailed product specifications are available at <http://www.ad-techno.com/en/>

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