



## UHD HDMI Splitter, 1x8



### Manual DS-43304

With the DIGITUS UHD 8-Port HDMI splitter, a video signal can be divided into up to eight playback devices (TVs, displays, monitors, projectors...etc.). It supports the best possible UHD resolution (4K2K, 60Hz), and provides the ideal solution for commercial applications such as for video wall presentations or product presentations (office/ business premises, exhibition booths, display windows, waiting rooms, catering, etc.).

## **1.0 INTRODUCTION**

This is a high-performance and small-sized HDMI Ultra High Definition Splitter with hot plug and iron shell. It distributes the input of the HDMI signal into eight identical outputs at the same time. It provides high performance audio and video output through HDMI cables up to 4K2K@60Hz resolution and is capable of receiving and transmitting up to 6Gbps/600MHz bandwidth.

## **2.0 FEATURES**

This HDMI 1x8 Splitter has many features that enable it to perform in a superior manner. Among those features you will find:

- Easy to Use: Install in seconds, no need of setting
- One HDMI Input, eight HDMI outputs
- Support HDMI resolution max up to 4K2K@60Hz (4096x2160)
- Support HDMI wide frequency max up to 600MHz
- Support Full 3D
- Support compressed audio such as DTS Digital, Dolby Digital
- Support HDCP 2.2

## **3.0 PACKAGE CONTENTS**

Before attempting to use this unit, please check the packaging and make sure the following items are contained in the shipping carton:

- Main units: UHD HDMI Splitter, 1x8
- 5V/3A DC power supply
- User manual

## 4.0 SPECIFICATIONS

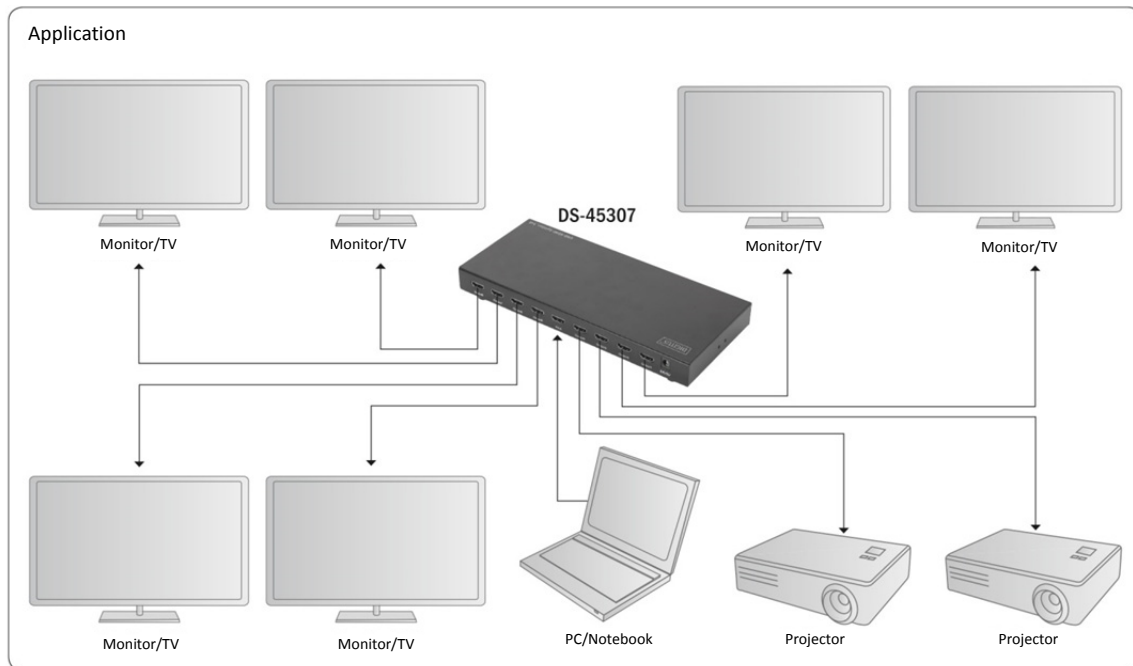
|                               |                                 |
|-------------------------------|---------------------------------|
| <b>Input/Output Connector</b> |                                 |
| Input                         | HDMI X1                         |
| Output                        | HDMI X8                         |
| <b>Operating Frequency</b>    |                                 |
| Vertical Frequency Range      | 24/30/50/60Hz                   |
| Video Amplifier Bandwidth     | 6Gbps/600MHz                    |
| <b>Resolutions (HDTV)</b>     |                                 |
| Interlaced (50&60Hz)          | 480i, 576i, 1080i               |
| Progressive (50&60Hz)         | Max up to 4kx2k@60Hz            |
| <b>Environmental</b>          |                                 |
| Operating Temperature         | 0°C to +45°C                    |
| Operating Humidity            | 10% to 85% RH (no condensation) |
| Storage Temperature           | -10°C to 70°C                   |
| Storage Humidity              | 5% to 90% RH (no condensation)  |
| <b>Power Requirement</b>      |                                 |
| External Power Supply         | 5V/3A                           |
| Power Consumption (Max)       | 10W                             |

**Note: Specifications are subject to change without notice.**

## 5.0 CONNECTION PROCEDURE

- 1) Connect the HDMI video source to the HDMI input of the Splitter with one HDMI cable (HDMI cables are optional)  
\* Please refer to connection diagram section
- 2) Connect the four outputs of the Splitter to eight displays
- 3) Turn on the power

## 6.0 CONNECTION DIAGRAM



Hereby ASSMANN Electronic GmbH, declares that this device is in compliance with the requirements of Directive 2014/30/EU (EMC), Directive 2014/35/EU (LVD) and the Directive 2011/65/EU for RoHS compliance. The complete declaration of conformity can be requested by post under the below mentioned manufacturer address.

**Warning:**

This device is a class B product. This equipment may cause some radio interference in living environment. In this case, the user can be requested to undertake appropriate measures to prevent interference.

**[www.assmann.com](http://www.assmann.com)**

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