



## 4K HDMI Switch, 4x1 with PIP



### Manual DS-45303

#### 1.0 Introduction

The HDMI Switcher allows you to switch easily from four HDMI-enabled sources to one HDMI display. The HDMI switch fully supports HDMI device connections, as well as Dolby Digital True HD, DTS-HD high definition audio formats, and display resolutions up to 4Kx2K to ensure a high quality audio and video experience. For the additional benefit, the switches have a feature of PIP (Picture in Picture) function which enables you to share up to four videos on the same screen and choose the video source which you want to display directly via the remote control.

## 2.0 Feature

- Support HDMI Ultra HD
- Support 3.0Gbps/300MHz per channel bandwidth
- Video resolutions up to:  
4Kx2K@30Hz / 1080p@120Hz / 1080p 3D @60Hz
- CEC Pass-through
- PIP (Picture in Picture) mode for easy source selection.
  - (This can only be activated under 1080p resolution)
- Automatic port selection: Enable the most recently activated video source to be displayed automatically.
- Manual port selection: Enable to select manually to the HDMI source with easy-to-use panel button.
- IR Remote control: Enable to control the HDMI Sources at 5-8m away from the switch

## 3.0 Specification

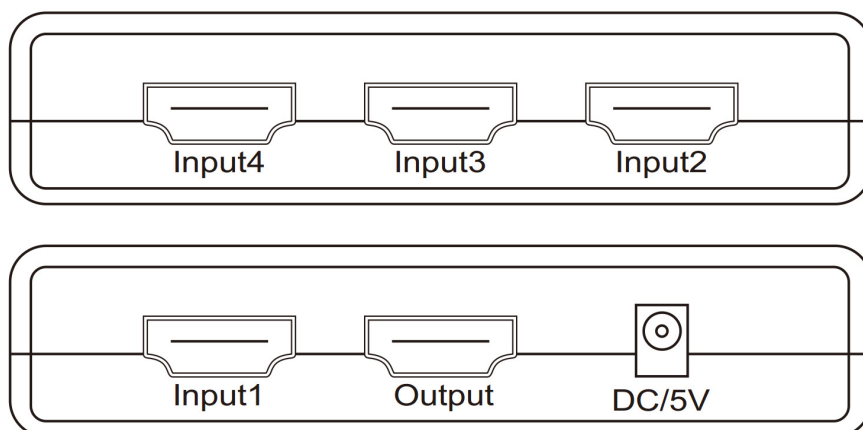
|                           |                                  |
|---------------------------|----------------------------------|
| Input DDC Signal          | 5 volts p-p (TTL)                |
| Maximum Single Link Range | 4Kx2K@30Hz                       |
| Output Video              | HDMI1.4b                         |
| Vertical Frequency Range  | 30/50/60/120Hz                   |
| Video Amplifier Bandwidth | 3.0Gbps/300MHz                   |
| Interlaced(50&60Hz)       | 480i,576i,1080i                  |
| Progressive(50&60Hz)      | 480p,576p,720p,1080p,4Kx2K@30Hz  |
| Size(L-W-H)               | 81x58x18mm                       |
| N.W.(g)                   | 55g                              |
| Operating Temperature     | 0 °C to +70°C                    |
| Operating Humidity        | 10% to 85 % RH (no condensation) |
| Storage Temperature       | -10°C to +80°C                   |
| Storage Humidity          | 5% to 90 % RH (no condensation)  |
| Power Consumption (Max)   | 5W                               |

**Note:** Specification is subject to change without notice

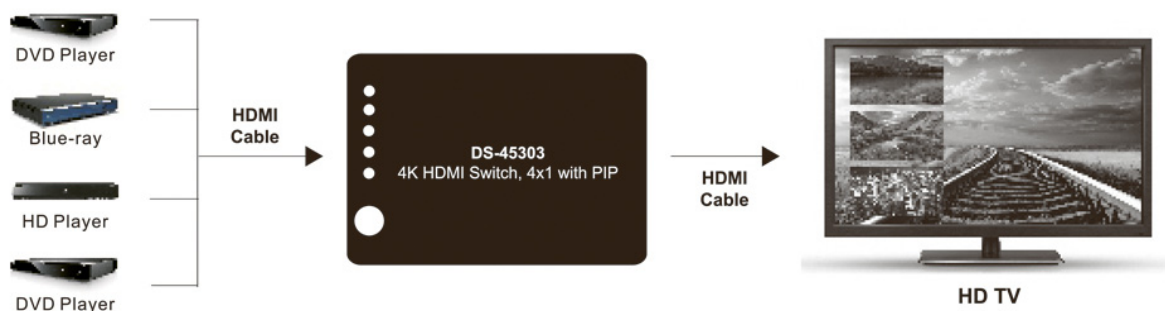
## 4.0 Package Content

- Main Unit
- Remote Control
- IR Extender Receiver
- Power Adapter
- User Manual

## 5.0 Panel Description



## 6.0 Connection and Operation



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.

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