

# PRO - AV SERIES



## HIGH-END DIGITAL SIGNAGE SYSTEM



### Why choose ANGUSTOS Pro-AV ?

We can provide you the best solution that suits your TVs, interactive screens, meeting room high-end projector, digital signage and videowall system. We not **only** simply sell the equipments but also a smart solution that is just as well designed as it is functional. A solution that define our brand:

- Ease-of-use
- Design
- Innovation
- Reliability
- Ease-of-installation.

To help you find the exact solution **that suit** you need, Angustos has an extensive product range that is possible to compose a solution for nearly every Pro AV application. Our highly skill solution teams are happy to help you to quickly find the best solution for your installation, saving you the time and effort and hassle for complex system.



### ANGUSTOS PRO AV APPLICATIONS

- Media - Telecom - Broadcast
- Education - Training
- Manufacturing - Quality Control
- Retail - Advertising
- Meeting Room - Conference
- Healthcare visual system
- Entertainment
- Government - Control Room



## HDMI Matrix Switch Seamless 4 x 4

### Model : KVSMW0404K3

#### OVERVIEW

The KVSMW0404K3 4 x 4 HDMI Matrix Switch is our newest HDMI solution that provide an easy and affordable way to connect any of 4 HDMI video sources to 4 HDMI displays.

Built-in indication for a quick view of all port connections via the front panel LCD, user can now check the signal from input and out put with just a glance.

The KVSMW0404K3 support the seamless switching features that employs a FPGA matrix architecture that support continuous video streams, real-time control and stable signal transmissions.



With a built in high-performance scaler, the KVSMW0404K3 can easily converts various input resolutions into various output display resolutions, giving the best video and picture quality across all displays. The unit also support video wall features with an easy to use web GUI, remote control, button that can be used to customize into different video wall layouts.

#### FEATURES

- 4 x 4 HDMI input / outputs.
- Switching in less than 40ms
- Support 2 x 2 VIDEO WALL set up.
- PCM 2 CH Audio
- Support EDID management
- Compliant HDCP 2.2 and 1.4
- Auto Signal Enhancement
- 4K@30Hz 4:4:4, downscale support with 1080p@60Hz / 720p
- 36 bit color with 1080p@60hZ. Support 3D video format.
- Switching mode: Web GUI, Button, IR remote control, RS-232 control



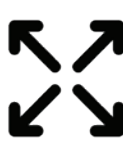
MATRIX SWITCH  
\*WITH SEAMLESS



WEB GUI  
CONTROL



REMOTE  
CONTROL



BUILT-IN  
SCALER



MULTI-VIEW  
SUPPORT

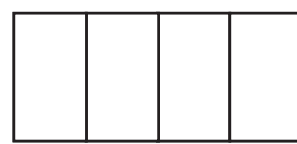


IMAGE ROTATION  
MULTI-MODE VIDEO WALL

## SPECIFICATION

<b>Operating Temperature</b>	0° to 40°C
<b>Operating Humidity</b>	5 to 90%RH
<b>Video Input Connectors</b>	4 x HDMI Type A
<b>Video Output Connectors</b>	4 x HDMI Type A
<b>Impedance</b>	100 Ω
<b>Data Rate</b>	10.2 Gbps (3.4 Gbps/Lane)
<b>Audio Format Support</b>	LPCM 2.0
<b>HDCP Compliance</b>	HDCP 1.4 , HDCP 2.2
<b>HDMI Compliance</b>	3D, 4K, Deep color

<b>Max Distance</b>	15m
<b>Pixel Clock</b>	340 MHz
<b>Ethernet Ports (IP control)</b>	RJ45, Female.
<b>Input Video Signal</b>	0.5 - 1.0 volts p-p
<b>Input DDC Signal</b>	5 volts p-p (TTL)
<b>Max Resolution</b>	4K@30hz
<b>Power Consumption</b>	20W (Max)
<b>Dimension (L x W x H)</b>	438 x 205 x 44
<b>Net Weight</b>	2.71 Kg

## CONNECTION DIAGRAM

INPUT



HDMI  
HDMI  
HDMI  
HDMI



HDMI  
HDMI  
HDMI  
HDMI

CONTROL



RS-232

RJ-45



OUTPUT

Matrix Switch



## VIDEO WALL MODE SUPPORTED



2x2



1x2x1



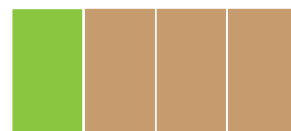
2x1x2



1x4



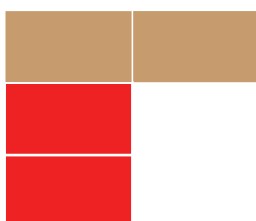
1x2x1x2



1x3x1x1



4x1



2x1x1x2



2x1x2x1