

## SWMP 4K Seamless Modular Video Wall Matrix Switchers



Up/Down  
Scaling

Video  
Wall

Multi  
Formats

Seamless  
Switching

Modular  
Design

Redundant  
PSUs

### Overview

The SWMP Modular seamless series matrix switchers offer advanced access and real-time control of multiple local and remote A/V input devices and displays from a single chassis at 4K 60Hz 4:4:4 resolution.

The SWMP switcher allows users to independently switch and route video and audio content directly to various monitors displays projectors and/or speakers simply by using front panel pushbuttons or remote control or controlling via TCP/IP or RS232. A built-in Scaler encodes the video format to provide seamless real-time switching.

The SWMP matrix switchers are also able to offer extremely fast start-up performance and a working environment free of viruses and software conflicts, ensuring 24/7 hassle free operational ability.

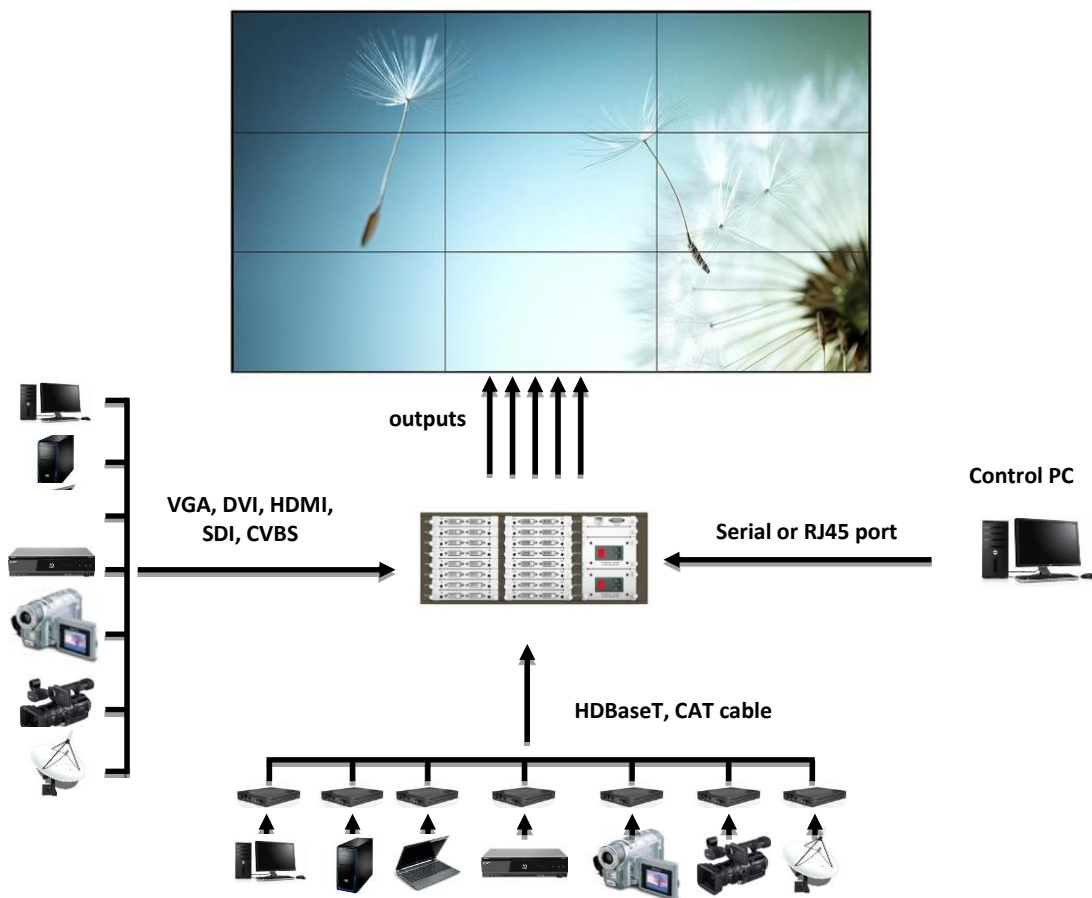
### Key Features

- Supports 4K@60fps (4:4:4) input and output
- Seamless switching
- Supports video wall feature
- Redundant power supply
- Support up/down scaling
- Advanced Crossbar technology
- Supports audio
- Supports OSD on output windows
- Supports individual screen customised video setting
- No PC vulnerabilities
- Multi formats on input and output: DVI, HDMI, HDBaseT, SDI, VGA, Fiber
- Low power consumption
- HDBaseT with PoC
- HDCP compliant
- Supports customised EDID on inputs and outputs
- Supports customised pre-set layouts

|                             |  |
|-----------------------------|--|
| Controller Chassis          | 19" ANST/EIA RS-310C standard industrial chassis |
| Input Channel               | Up to 80 inputs                                  |
| Input Format                | DVI/HDMI/VGA, SDI, SD, HDBaseT, Fiber            |
| Output Channel              | Up to 80 outputs                                 |
| Output Format               | DVI/HDMI/VGA, SDI, SD, HDBaseT, Fiber            |
| HDCP support                | Yes  |
| Power supply                | RPSU   |
| Input Voltage               | AC 110V to 240V, 50/60Hz                         |
| Operation system            | Windows 7/8/10                                   |
| Warranty                    | 2 years  |
| Operating temperature range | 0~40 degrees centigrade                          |
| Operating humidity range    | 10%-90%  |
| Storage temperature range   | 0~60 degrees centigrade                          |
| Storage humidity range      | 10%~90%  |
| Control Interface           | RS232 or 10/100/1000M Ethernet Port              |

## Models and Scales

| Models | Chassis | Dimension (mm) (W*D*H) | Max Input | Max Output |
|--------|---------|------------------------|-----------|------------|
| SWMP08 | 2U      | 482*380*88             | 8         | 8          |
| SWMP16 | 4U      | 482*380*175            | 16        | 16         |
| SWMP36 | 8U      | 482*380*353            | 36        | 36         |
| SWMP80 | 16U     | 482*380*708            | 80        | 80         |



System Diagram