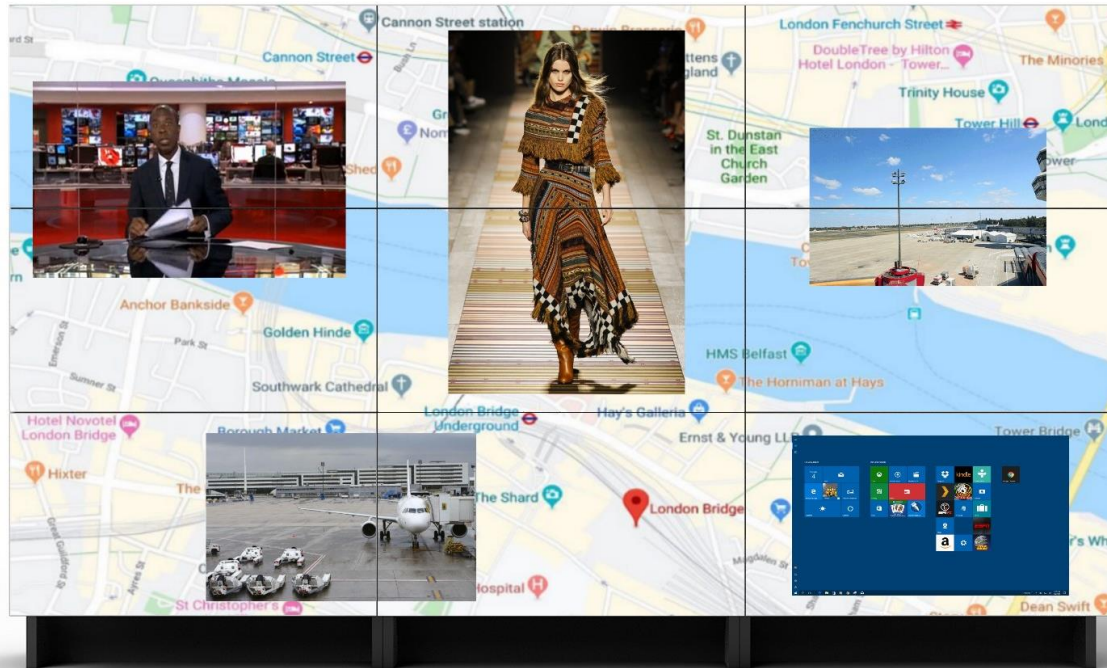


SolarWall Micro Video Wall Controllers



Overview

The SWMicro series video wall controllers are the all-in-one solution available from SEADA technology. Based on cutting edge Crossbar express technology, they provide excellent performance and flexibility for video wall applications.

SWMicro series controllers apply Crossbar technology to provide high bandwidth for real-time processing of all input signals and better system performance. The layout of the windows can be configured separately by the universal SWMicro management software, which offers flexibility within an intuitive interface.

SWMicro controllers 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

- Advanced Crossbar technology
- 8 HDMI inputs or 4 HDMI with 1 4K HDMI/DP
- Up to 16 HDMI outputs
- Multi clients' support
- User access control
- Input capture freeze
- Robust FPGA video data process technology
- No PC vulnerabilities
- Two or Four-window overlay mode*
- Low power consumption
- Multi video walls support in one system
- HDCP compliant
- Supports custom pre-set layouts
- Offline Preset
- Layouts looping ability
- Arbitrary positioning and overlapping of windows on the video wall
- Picture-in-Picture display of two or four live, moving video input signals over any output screen*

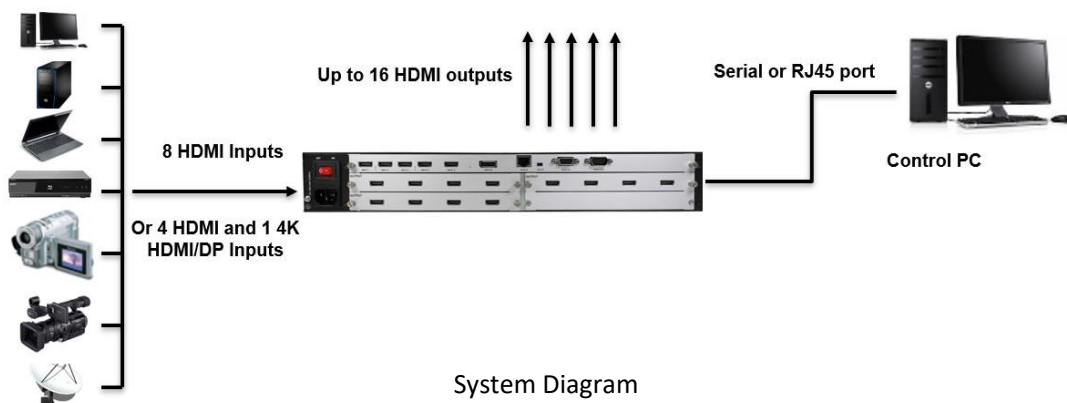
* Output ports amount is halved when working on Four-window overlay mode

Specifications

Controller Chassis	19" ANST/EIA RS-310C standard industrial chassis
Input Channel	8 HD HDMI inputs or 4 HD HDMI inputs with 1 4K HDMI/DP input
Input Format	HDMI
Output Channel	Up to 16 outputs
Output Format	HDMI
HDCP Support	Yes
Power Supply	Single
Input Voltage	AC 100V to 240V, 50/60Hz
Operation System	Windows 7/8/10/11
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)	HD Input	4K Input	HDMI Outputs
SWMicro08	1.5U	482*350*66	8	0	8
SWMicro12	1.5U	482*350*66	8	0	12
SWMicro16	1.5U	482*350*66	8	0	16
SWMicroP08	1.5U	482*350*66	4	1	8
SWMicroP12	1.5U	482*350*66	4	1	12
SWMicroP16	1.5U	482*350*66	4	1	16



System Diagram