



SolarWall 8000 Serial Videowall Controllers

Overview

SEADA's SolarWall 8000 family of display wall controllers are the latest 4K Video Wall Controllers for HD and 4K Video Wall Systems, offering up to 4K resolution at input and output channels.

The 8000s controllers are able to output 8 windows onto a 4K or HD display simultaneously and are able to offer a system with 4K graphics outputs up to 36 and video capture up to 128 HD or 36 4K inputs within one chassis.

The SolarWall 8000 systems are pure hardware based controllers, offering extremely fast start-up times. In addition, the systems benefit from a working environment free of viruses and software conflicts, ensuring 24/7 hassle free operational ability.

Features

- Advanced Crossbar technology
- Robust FPGA video data process technology
- Eight-window overlay mode
- No PC vulnerabilities
- 1 to 36 4K display outputs
- 1 to 36 4K inputs capture
- Multi output option: DVI-I (Digital & Analog), SDI, HDBaseT, Optical Fibre
- 1-128 HD DVI/HDMI/RGB inputs capture
- 1-512 composite video inputs capture
- Multi input option: DVI-D, HDMI, VGA, YPbPr, CVBS, SDI, HDBaseT, Optical Fibre
- IP streaming decode support
- Multi video walls support in one system
- Low power consumption
- Fast start up within 5 seconds
- HDCP support for DVI/HDMI

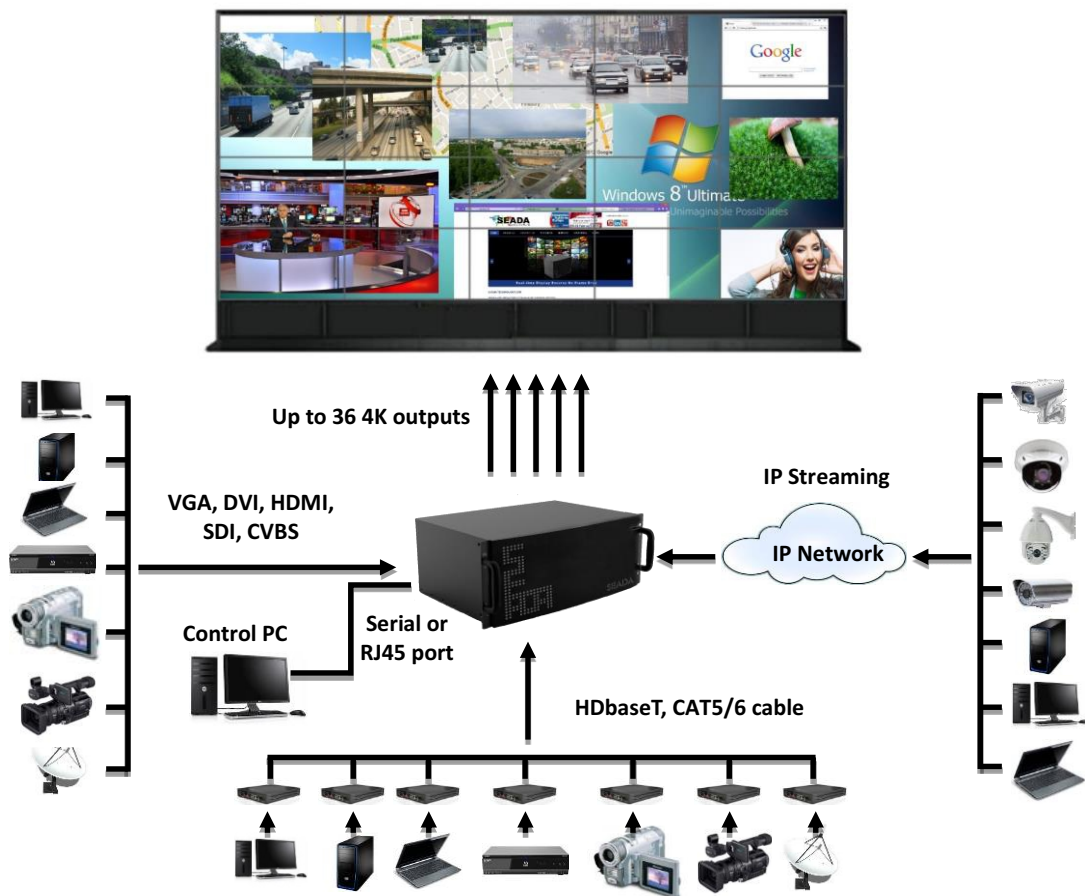
**4K
ULTRA HD**



Controller Chassis	19" ANST/EIA RS-310C standard industrial chassis
Input Channel	1 to 128 HD or 1 to 36 UHD
Input Format	DVI/HDMI/VGA, SDI, CVBS, DL_DVI, HDBaseT, Fiber Optical, IP streaming
Output Channel	1 to 36 4K display channels
Output Format	DVI/HDMI/VGA, SDI, HDBaseT, Fiber Optical
HDCP support	Yes
Power supply	Single or RPSU
Input Voltage	AC 110V to 240V, 50/60Hz
Operation system	Windows2000/XP/Vista/7/8/10
Warranty	2 years
Operating temperature range	0~40 degrees centigrade
Operating humidity range	10%~90% non-condensing
Storage temperature range	10~60 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)	Input		4K Output
			HD	4K	
SW8004	4U	482*380*175	24	4	4
SW8008	8U	482*380*353	52	8	8
SW8018	14U	482*380*620	96	16	18
SW8036	22U	482*380*975	128	36	36



System Diagram