
VS1912

12-Port DP Video Wall Media Player



The VS1912 12-Port DP Video Wall Media Player is a PC-based media player and an ideal solution for multi-display applications such as digital signage, video walls, projection screens and digital board installations.

The VS1912 supports video wall configurations with up to 12 displays and allows you to design creative video walls in various asymmetric layouts. Custom widget tools allow you to add banners, video playback, flash media, images and real-time clock displays over traditional media. The Advanced Video Wall features allow you to resize, layer (including Picture in Picture), span across multiple screens and even rotate pictures and videos at 90° intervals.

Multimedia files are uploaded and the system is set up from a computer connected across a network. With a built-in web interface and intuitive GUI (Graphical User Interface), access and configuration is simple and does not require extra software. The VS1912 also features a scheduling function that helps you create detailed playlists days, weeks, or even months ahead of time.

In addition, the VS1912 is equipped with two bi-directional RS-232 serial ports for controlling the connected displays, an HDMI input port for routing an additional HDMI source and USB 3.0, 2.0 ports for importing profile settings and schedules. With these features, the VS1912 has the flexibility to meet the needs of various environments, including trade shows, lobbies, conference halls, shopping malls, and any other public space requiring dynamic video displays.

* An RS-232 splitter is required if you need to control more than two serial devices.

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Features

- PC-based player for digital signage and video wall applications
 - Allows a video wall with up to 12 displays
 - Supports creative, asymmetric layouts*
 - Advanced Video Wall: Pictures and videos can be resized, layered (including Picture in Picture), spanned across multiple screens and rotated at 90° intervals.
 - Upload system configuration and playback files easily through an intuitive web GUI, no additional software needed**
 - Widgets display video, image, flash media, webpage, text, banner, clock, RSS or RTSP (Real Time Streaming Protocol) over the screens
 - Flexible scheduling and profiles for easy management of connections
 - Two bi-directional RS-232 serial ports for controlling connected displays ***
 - 64 GB storage capacity and 8GB DDR3 system memory
 - One HDMI input port for more flexible media sourcing
 - USB 3.0 and 2.0 ports for importing profile settings and schedules
 - Locking mechanism included in DisplayPort cables and DVI adapter
 - ESD protection for DisplayPorts
 - Firmware upgradeable
 - Slim 1U design
 - Rack mountable
- * Asymmetric layouts can be formed using displays at right angles only (i.e. portrait and landscape orientations). See page 3 for more details.
** Google Chrome required
*** An RS-232 splitter is required if you need to control more than two serial devices.
Note: The VS1912 does not support HDCP.

Specification

Video Input	
Interfaces	1 x HDMI Type A Female
Video Output	
Interfaces	12 x DisplayPort 1.1 Female
Video	
Max. Data Rate	8.64 Gbps (2.7 Gbps per lane)
Max. Pixel Clock	340 MHz (with DP to DVI active adapter)
Compliance	HDMI (3D, Deep Color) DisplayPort 1.1
Audio	
Output	1 x 3.5 mm Stereo Jack Female
Control	
RS-232	Connector: 2 x DB-9 Female (Black) Baud Rate and Protocol: Baud Rate: 38400~19200, Hardware & Software Flow Control *RS-232 functionality is pending and will be available with future firmware upgrades
Ethernet	2 x RJ-45 Female
USB	2 x USB 3.0 Female 4 x USB 2.0 Female
Connectors	

Power	1 x 3-prong AC Socket
Power	
Maximum Input Power Rating	100-240 VAC; 50-60 Hz; 3A
Power Consumption	120 VAC, 400W; 230 VAC, 400W
Fan	Airflow: 28.8 cfm (max. in free air) Operating voltage: 6.0 ~ 12.0 VDC Operating temp: -10 ~ 65 °C
Storage Capacity	64GB mSATA
System Memory	8GB DDR3
Environmental	
Operating Temperature	0-40°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	4.22 kg (9.3 lb)
Dimensions (L x W x H)	43.00 x 27.00 x 4.40 cm (16.93 x 10.63 x 1.73 in.)
Carton Lot	3 pcs
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

