

# HDMV-9X

## 9-Port Full HD Multiviewer for a Single Monitor



View up to nine different HD digital video sources  
on a single display device simultaneously

### FEATURES

- View up to nine sources on a single monitor
- On-Screen Display (OSD) makes setup and switching easy
- Display each computer with crisp high-resolution video
- Supports 1080p HDMI output (1920 x 1080)
- Supports DVI-D with an HDMI to DVI-D adaptor
- Delivers uncompressed digital video with zero signal loss
- HDCP and HDMI 1.4 compliant
- Supports EDID for total control of compliant displays
- Change views with front panel switching and RS-232, with optional Ethernet control
- Quad-mode splits the screen to show four sources on one screen
- Dual-mode splits the screen to show two sources on one screen
- Full-mode displays one source on the entire screen
- 9-mode displays one all nine inputs on one screen



## HD MULTIVIEWER SERIES

The HDMV-9X is a member of SmartAVI's HD Multiviewer series of products that allows users to view up to nine different HD digital video sources on one display device simultaneously.

Connections to video sources are managed via HDMI, with advanced viewing options such as dual-mode, quad-mode, full-mode and 9-mode. This device enables user-friendly management of multiple video sources by accessing them from a single workstation with one display.

## A VIBRANT MULTIVIEWING EXPERIENCE

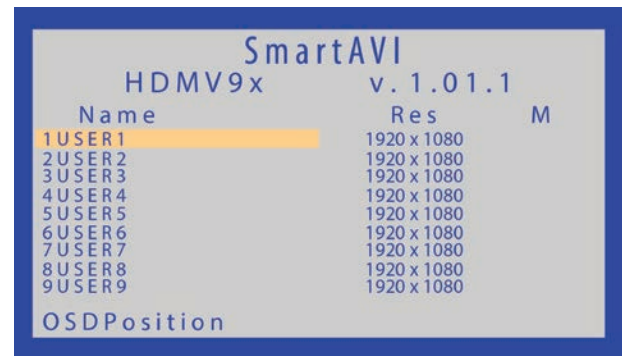
The HDMV-9X can be used in many applications that require real-time monitoring of multiple devices, like HDTV, DVD players, cameras and computers. It is the perfect solution in situations where a user needs to monitor up to nine separate sources at the same time.

In air traffic control environments, for example, several computers are required to monitor the progress of flights and flight information. With HDMV-9X the user is able to monitor every connected source the progress without having to switch between sources, making it the perfect solution for multitasking.

## SIMPLE OPERATION

Controlling the HDMV-9X is easy using front panel buttons, RS-232 or On Screen Display (OSD). Optional Ethernet control is also available, giving users multiple ways to control the device for convenient implementation and use.

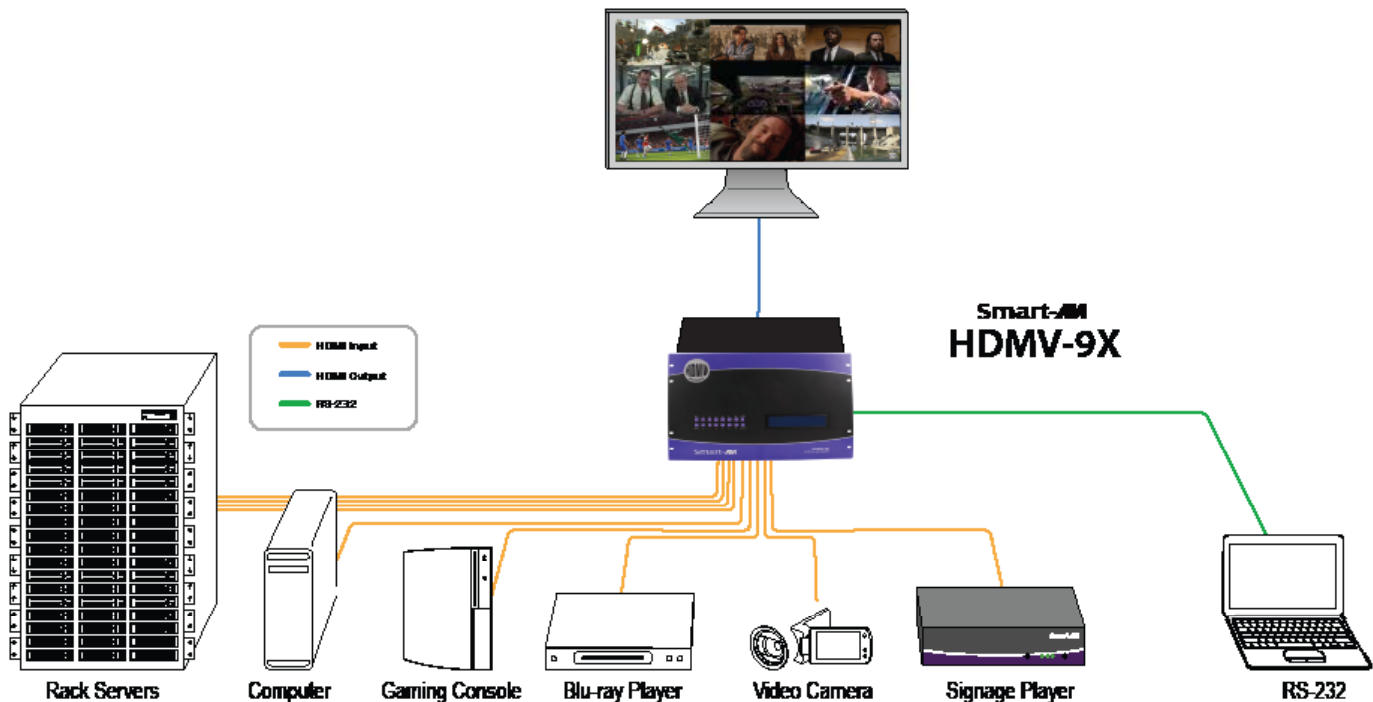
The On Screen Display (pictured to the right) is accessible at the press of a button, and features controls for all of the HDMV-9X's functions. The HDMV-9X is easily programmable with the OSD.



SmartAVI		
HDMV9x		v. 1.01.1
Name	Res	M
1 USER1	1920 x 1080	
2 USER2	1920 x 1080	
3 USER3	1920 x 1080	
4 USER4	1920 x 1080	
5 USER5	1920 x 1080	
6 USER6	1920 x 1080	
7 USER7	1920 x 1080	
8 USER8	1920 x 1080	
9 USER9	1920 x 1080	

OSDPosition

## APPLICATION DIAGRAM



## APPLICATIONS

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- Corporate or Educational Presentations
- Financial (Remote Servers/User Control)
- Call Centers for Technical Support
- Industrial (Long-Range Workstation Isolation)
- Airport Installations (Air Traffic Control/Passenger Information)
- Medical (Remote Operation Away from Sensitive/Magnetic Equipment)
- Recording (for Large Studios where Editing/Mixing Stations are Compact and/or Require Complete Silence)

## OPTIONAL ETHERNET CONTROL

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Users can control the HDMV-9X from virtually anywhere with the optional Ethernet control. If users need to make changes remotely, or if users need to place the HDMV-9X away from the primary workstation, the SmartAVI Net-IP-Pro control module enables effective for real-time remote control management over an Ethernet connection. Simply connect the Net-IP-Pro module to the device while connected to the Internet, and the device can be controlled remotely with ease.

## AVAILABLE CONFIGURATIONS

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**FULL-MODE:** In the Full-mode, one of the nine video sources is displayed in full screen size and maximum resolution. Keyboard and mouse operation automatically switch to the corresponding computer.



**DUAL-MODE -** In Dual-mode, the screen is split into two fields of equal size with each video source or computer being displayed in each of the fields.



**QUAD-MODE:** In Quad-mode, the screen is split into four fields of equal size with the four selected video sources or computers being displayed in each of these fields.



**9-MODE:** In 9-mode mode, the screen is split into nine fields of equal size with the nine video sources or computers being displayed in each of these fields.

## SPECIFICATIONS



HDMV-9X Front



HDMV-9X Rear

### VIDEO

Video Bandwidth	Single-link 340MHz [10.2Gbps]
Resolution HDTV	480i,480p,720i,720p,1080i,1080p
PC Resolution	800 x 600 up to 1920 x 1080
Input Video Signal	1.2 volts
Input DDC Signal	5 volts
Single Link Range	1080p
Format	HDMI 1.4
DVI Compliance	Single-link DVI-D 2.0 with adaptor
HDCP Compliance	1.0/2.0
Input Interface	(9) HDMI
Output Interface	HDMI

### CONTROL

Front Panel	Tact Switches
Display	4x40 LCD
RS-232	DB9 (female)

### POWER

Requirements	Internal 100-240 VAC
Power Supply Approvals	UL, CE, CSA, CEC, RoHS

### MECHANICAL

Width	17.5 in.
Height	12 in.
Depth	12 in.
Weight	22 lbs.

### ORDERING INFORMATION

Part No.	Description
SM-HDMV-9XS	9-Port HDMI, Real-Time Multiviewer. Includes: [SM-HDMV-9X, (CCPWR06)]



Designed and Manufactured in the USA

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