

# SM-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

## APPLICATIONS

- 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)



Designed and Manufactured in the USA

## 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, RS232 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.

## OPTIONAL ETHERNET CONTROL

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 NetIP-Pro module to the device while connected to the Internet, and the device can be controlled remotely with ease.

## FRONT AND BACK



SM-HDMV-9X Rear



SM-HDMV-9X Front

## MULTIEWING CONFIGURATIONS

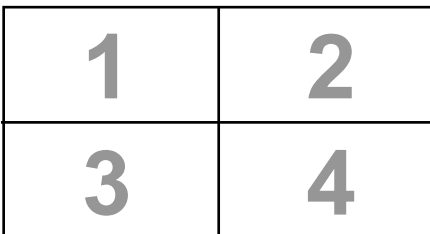
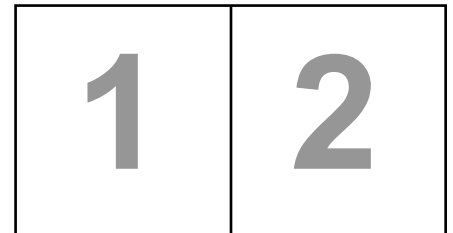


### Fullscreen Mode

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.

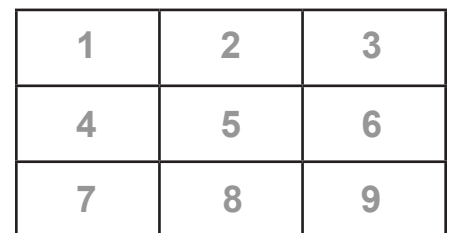


### Quad-Mode

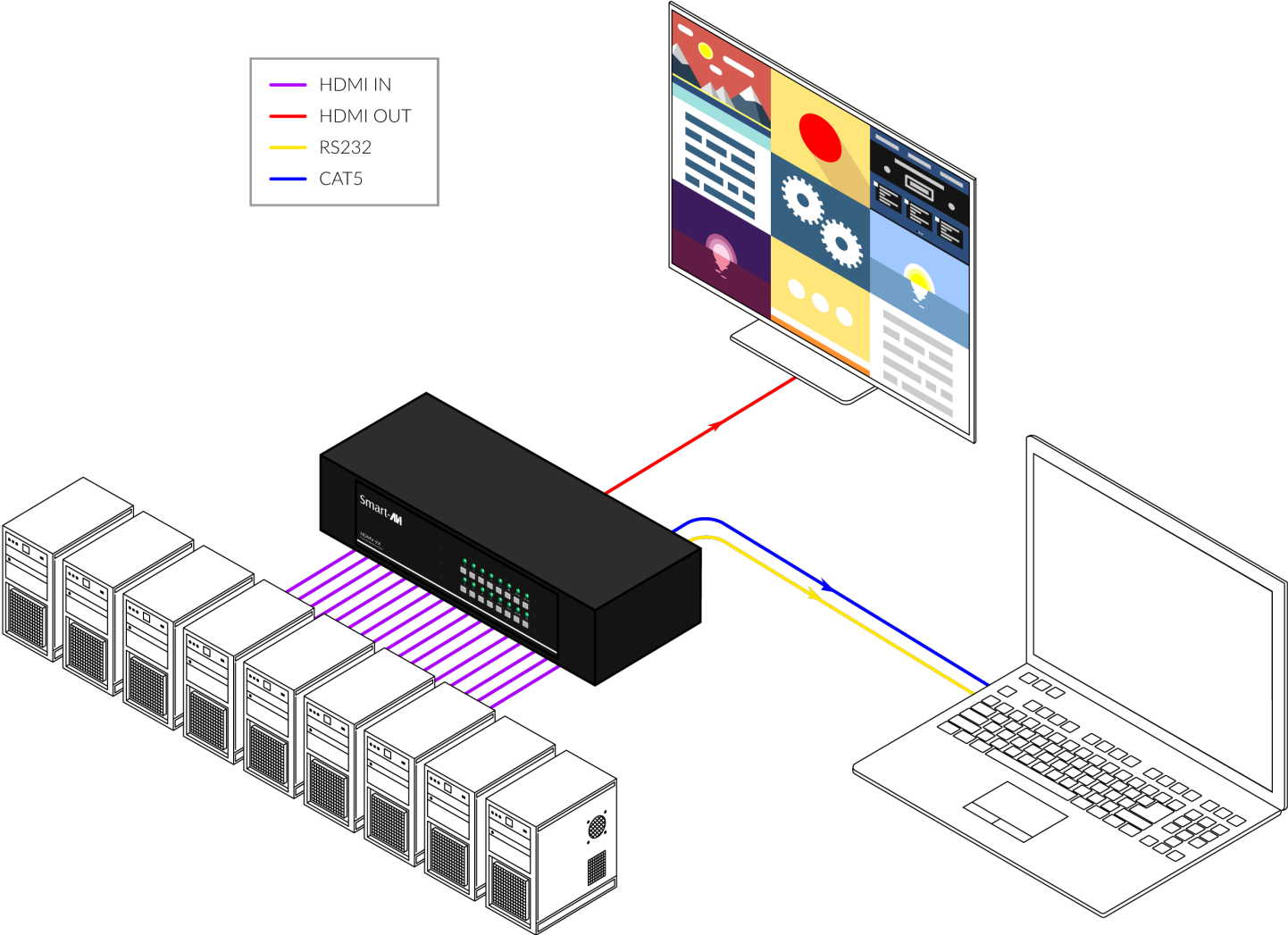
In Quad-mode, the screen is split into four fields of equal size with the four selected video sources or computers being displayed in each of these fields.

### 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.



# APPLICATION DIAGRAM



# TECHNICAL SPECIFICATIONS

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.

PART NO.	DESCRIPTION
SM-HDMV-9XS	9-Port HDMI, Real-Time Multiviewer. Includes: [SM-HDMV-9X, (CCPWR06)]

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