

HDMV-8X

8 PORT UHD MULTIVIEWER KVM SWITCH



VIEW UP TO 8 DIFFERENT UHD DIGITAL VIDEO SOURCES ON ONE DISPLAY DEVICE SIMULTANEOUSLY

FEATURES

- **8-Port HDMI Input + USB KVM Control.** View and control up to 8 HDMI + USB sources from a single monitor and keyboard/mouse set.
- **Multiple Viewing Modes.** Includes Full Screen, Quad, Dual, 2x4 Grid, PIP, and Bottom-PIP modes with flexible KM/USB/audio mapping.
- **4K Output Support.** Supports video resolutions up to 3840×2160 @30Hz for sharp, detailed multiview layouts.
- **Integrated USB 2.0 Hub.** Easily share USB peripherals (flash drives, cameras, etc.) between all sources.
- **Seamless KM & USB Switching.** Maintain control across sources with simple hotkeys or front panel buttons.
- **RS-232 Command Control.** Automate or integrate into larger AV systems using comprehensive RS-232 command set.
- **Reliable Performance.** Built with industrial-grade components in a 1U rackmount chassis, designed and manufactured in the USA.
- **Plug-and-Play Setup.** Easy installation with automatic EDID and full compatibility with HDMI and USB standards.

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)



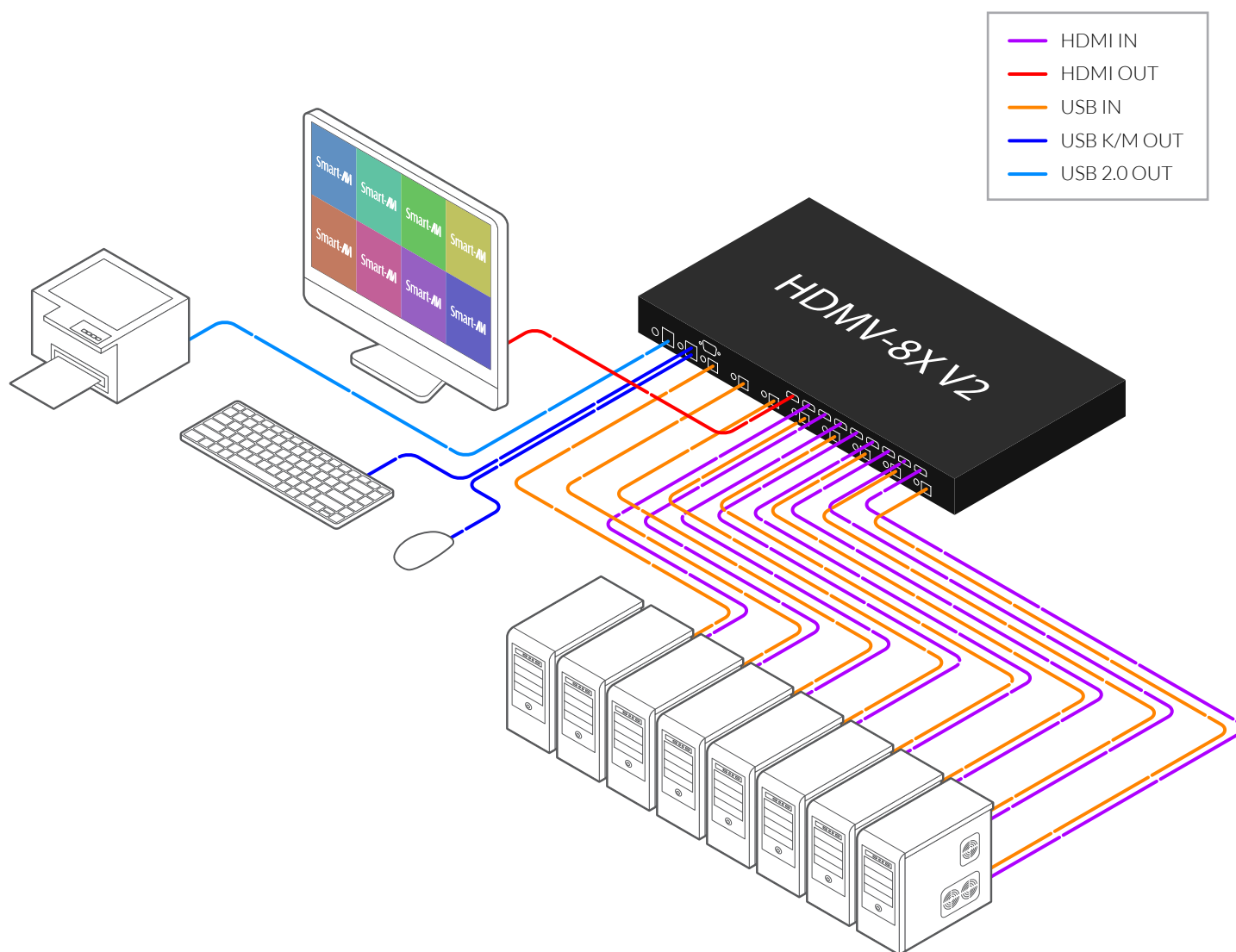
Designed and Manufactured in the USA

OVERVIEW

HDMV-8X V2 is a powerful 8-Port HDMI Multiviewer and KVM Switch that allows users to monitor and control up to 8 computers simultaneously on a single display. With ultra-clear 4K output, seamless switching, and a variety of multiview modes, the HDMV-8X V2 is ideal for control rooms, command centers, and high-density workstation environments.

It supports multiple display modes including full screen, quad, dual, 2x4, and picture-in-picture (PIP), with independent keyboard/mouse, USB, and audio control per channel. Integrated front panel, hotkey, and RS-232 control make it easy to operate in any setup.

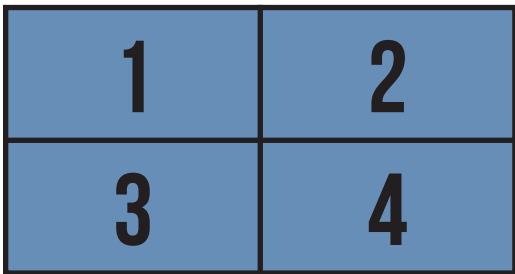
APPLICATION DIAGRAM



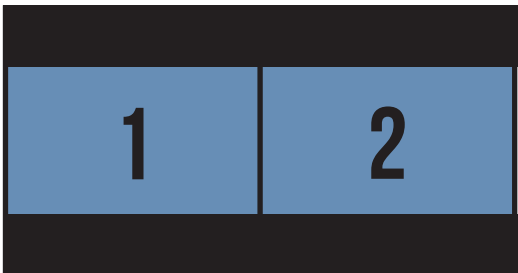
SCREEN MODES



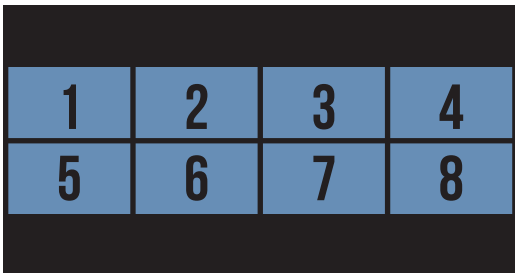
Full Screen Mode



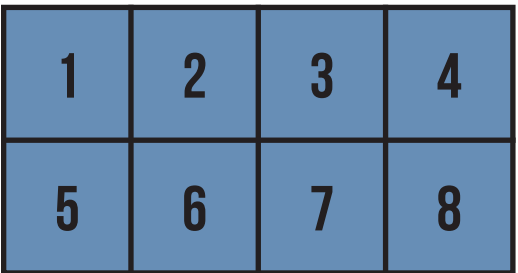
Quad Mode



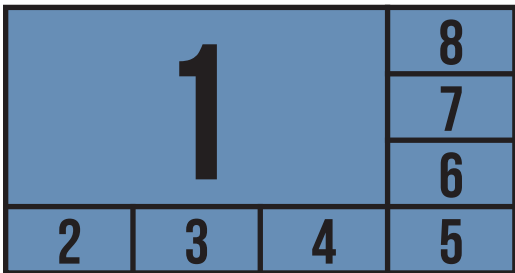
Dual Mode



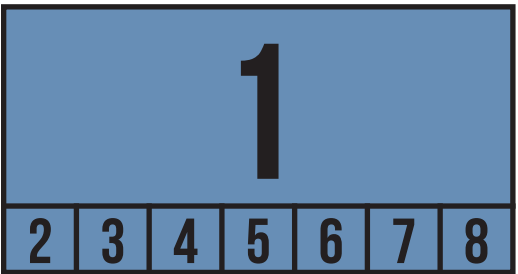
2X4 Mode



2X4 MODE - Stretch

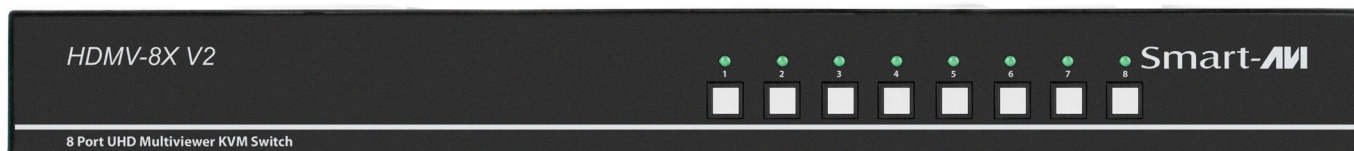


Full Screen with PIP Mode



Full Screen with Bottom PIP Mode

FRONT AND BACK



Front Panel



Back Panel

TECHNICAL SPECIFICATIONS

VIDEO	
Video Bandwidth	Single-link 340MHz [10.2Gbps]
Resolution	Up to 4K (3840 x 2160) @ 30 Hz
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
HDCP Compliance	1.0/2.0
Input Interface	(4) HDMI
Output Interface	HDMI
Connector	Type A [19-pin female]

USB	
Input	USB 2.0, 1.1, and 1.0
Input Interface	(4) USB Type B
Input	USB 2.0, 1.1, and 1.0
CONTROL	
Front Panel	USB 2.0, 1.1, and 1.0
RS-232	DB9 (female)
Max. Baud Rate	9600 bps
OTHER	
Power	Internal 100-240 VAC
Dimensions	17" W x 1.7" H x 10.2" D
Weight	4.05 lbs
Approvals	UL, CE, ROHS Compliant
Operating Temperature	+23 to +95°F (-5 to +35°C)
Storage Temperature	-4 to 185°F (-20 to 85°C)
Relative Humidity	Up to 90% (No Condensation)

PART NO.	DESCRIPTION
HDMV-8X-S	8 Port UHD Multiviewer KVM Switch. Includes: [HDMV-8X & Power Cord]

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