



# KRAMER

## VSM-4x4HFS

4x4 Seamless Matrix Switcher/Multi-Scaler



The VSM-4x4HFS is a seamless matrix switcher that can also be used as a 2x2 video wall driver or dual and quad multi-viewers. The unit allows switching between inputs with a clean video cut (frame-to-frame switching with no glitches). The VSM-4x4HFS supports HDMI resolutions with deep color, up to eight channels of audio and includes per-port HDCP and EDID settings.

## FEATURES

- PixPerfect™ Scaling Technology - Kramer's precision pixel mapping and high quality scaling technology.
- HDTV Compatible.
- HDCP Compliant.
- 4 HDMI Inputs and 4 Scaled HDMI Outputs.
- Selectable Operation Modes - Matrix switcher, video wall, dual display (PIP/P&P) and quad display.
- Seamless Switching - Frame-to-frame video cuts (zero transition time).
- Bezel Correction Options - In video wall mode.
- HDMI Support - Deep Color.
- Embedded Audio - Supports Dolby Digital Plus, Dolby TrueHD, DTS, DTS-HD®, LPCM 2CH/6CH/8CH, AC3.
- HDCP and EDID Settings per Port.
- Resolution - VGA to WUXGA and 480i to 1080p input, 480p to 1080p output.
- Multiple Output Aspect Ratios.
- Built-in ProcAmp - Color, hue, sharpness, noise, contrast and brightness.
- Flexible Control Options - Front panel buttons, IR remote control with OSD (On-Screen Display), RS-232, Ethernet with built-in Web browser.
- 4 Preset Memory Locations - Quick access to common IN-OUT configurations and non-volatile memory settings in each operation mode.
- Mini USB Connector - For upgrading firmware.

## TECHNICAL SPECIFICATIONS

INPUTS:	4 HDMI connectors (HDMI, HDCP version 1.1).
OUTPUTS:	4 HDMI connectors (HDMI, HDCP version 1.1).
OUTPUT RESOLUTIONS:	NATIVE, 480p, 576p, 720p50, 720p60, 1080p24, 1080p50, 1080p60, 1024x768, 1280x800, 1280x1024, 1366x768, 1440x900, 1600x900, 1600x1200, 1680x1050 or 1920x1200.
VIDEO LATENCY:	Progressive input: 30ms (typical).
CONTROLS:	Front panel buttons, USB port for programming.
POWER SOURCE:	100–240V AC, 27VA max.
OPERATING TEMPERATURE:	0° to +40°C (32° to 104°F).
STORAGE TEMPERATURE:	–40° to +70°C (–40° to 158°F).
HUMIDITY:	10% to 90%, RHL non-condensing.
DIMENSIONS:	19" x 7" x 1U (W, D, H) rack mountable.
WEIGHT:	2.7kg (6lbs) approx.
INCLUDED ACCESSORIES:	Power cord, rack "ears", IR remote control.

