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
INCLUDED ACCESSORIES:	Power cord, rack "ears", IR remote control
Product Dimensions	19" x 9.34 x 1U (43.6cm x 23.72cm x 4.36cm) W, D, H
	19" x 7.20 x 1U (43.6cm x 18.30cm x 4.36cm) W, D, H
Product Weight	1.8kg (4.0lbs) approx
	1.8kg (4.0lbs) approx
Shipping Dimensions	52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H
	52.50cm x 33.00cm x 10.70cm (20.67" x 12.99" x 4.21") W, D, H
Shipping Weight	2.7kg (6.0lbs) approx
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