



KRAMER

VSM-4x4A

4x4 Seamless AV Matrix
Switcher/MultiScaler

| HDMI | Ethernet - RJ-45 | HDCP Compliant



VSM4x4A is a 4x4 seamless matrix switcher that can also be used as a video wall driver (2x2 or 1x4) or dual and quad multiviewers. The unit allows switching between inputs with a clean video cut (frame-to-frame switching with no glitches). It 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 & 4 Scaled HDMI Outputs

Audio - 4 balanced and 4 unbalanced audio outputs with independent volume settings per output, embedded audio on the HDMI inputs and outputs

Selectable Operation Modes - Seamless matrix switcher (seamless or independent setup), video wall (2x2 or 1x4 configuration), dual display (Split/PIP/POP) or quad display

Bezel Correction Options - In video wall mode

Independent Switching Mode - Allows for separate output resolutions. Input switching via clean, fade-through-black transitions (outputs retaining constant sync)

HDMI support - Deep Color, Dolby Digital Plus, DTS, DTS-HD®, LPCM 2CH/6CH/8CH, AC3
Per Port HDCP and EDID Settings

Input Resolution Range - VGA to WUXGA and 480i to 1080p

Output Resolution Range - 480p to 1080p

Multiple Aspect Ratio Selections - Full, 4:3, 16:9 and best fit

Built-in ProcAmp - Color, hue, sharpness, noise, contrast and brightness

Front Panel Control - Operation mode, TAKE button and menu buttons

4 Preset Memory Locations - For each operation mode for quick access to common IN/OUT configurations

Front Panel Lockout

Non-Volatile Memory - Saves final settings

Additional Internal Memory - Supports larger firmware code

Firmware Upgrade - Via Ethernet or via the program mini USB connector

Varied Control Options - Front panel buttons, RS232 serial commands transmitted by a touch screen system, PC, or other serial controller, remotely, from the infrared remote control transmitter with OSD (onscreen display), via the Ethernet with built-in Web pages



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TECHNICAL SPECIFICATIONS

INPUTS:	4 HDMI connectors (HDMI, HDCP version 1.1)
OUTPUTS:	4 HDMI connectors (HDMI, HDCP version 1.1), 4 balanced stereo audio on terminal block connectors, 4 unbalanced audio on 3.5mm mini jacks
PORTS:	1 RS232 on 9pin connector, 1 Ethernet on RJ45 connector, 1 USB on TypeA connector
OUTPUT RESOLUTIONS:	NATIVE, 480p, 576p, 720p50, 720p59, 720p60, 1080p24, 1080p50, 1080p60, 1024x768, 1280x800, 1280x1024, 1366x768, 1440x900, 1600x900, 1680x1050 or 1920x1200
VIDEO LATENCY:	Progressive input: 30ms (typical)
CONTROLS:	Front panel buttons, IR with customized remote control, RS232, Ethernet with builtin Web pages, USB port for programming
POWER SOURCE:	100240V 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 noncondensing
PRODUCT DIMENSION:	19" x 7.20 x 1U (43.6cm x 18.30cm 4.36cm) W, D, H
PRODUCT WEIGHT:	1.8kg (4.0lbs) approx
SHIPPING DIMENSION:	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
INCLUDED ACCESSORIES:	Power cord, rack ears, IR remote control