VSM-4x4A is a 4x4 seamless matrix switcher that can also be used as a video wall driver (2x2 or 1x4) or dual and quad multi-viewers. The unit enables 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** - 4x4 matrix switcher, video wall (2x2 or 1x4 configuration), dual display (Split/PIP/POP) or quad display
- **Bezel Correction Options** - In video wall mode
- **Matrix Switching Modes** - Seamless switching mode (zero-time video cuts), or fade-through-black mode (enabling independent output resolutions)
- **Constant Output Sync** - For all modes of operation
- **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 the program mini USB connector
- **Varied Control Options** - Front panel buttons, RS-232 serial commands transmitted by a touch screen system, PC, or other serial controller; infrared remote control transmitter with OSD (on-screen display), Ethernet with built-in web pages
## 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 RS−232 on 9−pin connector, 1 Ethernet on RJ−45 connector, 1 USB on Type−A 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, RS−232, Ethernet with built−in Web pages, 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
- 2.7kg (6.0lbs) approx