

Video Wall Processor



KD-VW4x4Pro

4 Inputs to 4 Outputs Video Wall Processor, supports Seamless Matrix Switching

Key Features

- › **HDMI Matrix Switching:** 4 HDMI/Analog sources to 4 HDMI outputs, independent when in matrix mode
- › **Seamless Switching:** Un-interrupted screen transitions during source selections
- › **Video Wall Processing:** Transform consumer and professional displays into a video wall with eight video wall modes:
 - › Horizontal (4): 1x4 Rotated, 1x4, 1x3, and two sets of 1x2
 - › Vertical (3): 4x1, 3x1, and two sets of 2x1
 - › 2x2
- › **Bezel Control:** Create a fluid screen transition by removing pixels from top, bottom, left, and right border independently
- › **Panel Flip:** Enables use of consumer displays by mounting top row upside down
- › **Resolution Support:** Supports SD, HD, and VESA input resolutions up to 1080p / 1920x1200 on HDMI and analog video Inputs
- › **EDID:** Internal library with 5 default EDID configurations for each input, in addition to native EDID data for any Output/Display
- › **Full Buffer™ Technology:** Full buffering of HDCP and EDID, for the fastest possible switching and viewing of any source/input to any display/output, regardless of multiple output viewing relation
- › **TMDS re-clocking:** Support for long HDBaseT/CAT5e/6 or HDMI connections and many layers of connectivity.
- › **Deep Color Support:** Up to 12 bits/color



- › **Control:** Front panel buttons, Serial IR, Optical IR, RS-232, and TCP-IP, including video wall mode select, matrix switching, EDID Control and discrete on and off via IR
- › **Control System Support:** Compatible with Compass Control®, AMX®, Control4®, Crestron®, KNX®, RTI®, Savant, URC®, Leviton®, etc.

Specifications

- › Input (Each): 1 HDMI connector, Type A, 19 pin female; 1 HD analog video 15-pin female, 1 analog audio connector, 3.5mm stereo female
- › Output (Each): 1 HDMI connector, Type A, 19 pin female; 1 digital coaxial audio on RCA connector, female, follows SPDIF format IEC 60958
- › Power Supply: KD-PS12V3A, 12V/3A, 100-240VAC, 50-60Hz, NEMA 1-15P Cord
- › Rack Mount: 1U, full rack-width (rack ears included)
- › Product: 17.25" x 7.1" x 1.75"; Weight: 6.5 lbs
- › Packaging: 22.8" x 8.5" x 3.2"; Weight 8 lbs
- › Regulation: CE, RoHS, WEEE
- › Enclosure: Black Metal

Video Wall Modes



System Design Example

