

V-Match C4



The Video Wall Controller V-Match C4 is a stand alone display wall controller that accepts one HDMI/DVI input and can flexibly display this across four output monitors.

Each output driven as DVI-D or HDMI (supported resolutions up to 1920x1200) can represent an arbitrary crop region of the original input image. The output resolution and frame rate does not need to be related to that of the input as the Video Wall Controller V-Match C4 will optionally upscale and frame-rate convert each cropped region independently. Additionally, each output can be independently rotated through 90° or 270° to support creative mixes of landscape and portrait monitors.

HDMI 2.0 input supports high resolutions

HDMI 2.0 input will support high resolution pixel-perfect source images for display. Since the Video Wall Controller V-Match C4 will scale and frame-rate convert, the output monitors can be driven at their preferred frame rates and resolutions.

Features

- supports bezel width and height correction for all types of displays
- EDIT learning from connected displays
- use default EDID data or learn from connected displays
- Flexibly drives four displays, each from any selected region of the input image.
- Stand alone operation supports auto-detecting of input resolution and output monitor native resolutions. Output screen configuration is defined by internal non-volatile memory.
- HDCP compliant
- IR remote control
- Output configuration is programmable via a USB connection to a PC. Graphical utility allows easy control of cropping, scaling, rotation and gaps.

Easily Configurable

The Video Wall Controller V-Match C4 supports simple editing of custom input and output configurations via a USB or Ethernet connection to a PC. Once configured, the Video Wall Controller V-Match C4 will run stand-alone.



Supports creative monitor arrangements

Each output monitor can take its input from any region of the input DVI image, since all the required cropping, scaling, rotation and frame-rate conversion is handled by the V-Match C4 hardware. These regions can overlap to allow any output to replicate another, or they can be configured to support any creative splice of the source material. This allows the support of many non-rectangular screen arrangements with uneven gaps, and any mix of monitor orientations (4K2K@60Hz input can be displayed in 2x2 layout without rotation only).

Technical Specifications

Physical dimensions (L x W x H)	288 x 180 x 42mm
Operating temperature range	0 - 40 °C
Relative humidity	20-90% (not condensing)
Power supply/consumption	12V DC, 2A/12W
Control/Setup program	Via USB or Ethernet
Video-input	1x HDMI 2.0 a(type A) up to 4K2K@60Hz, interlaced or progressive
Video-output	4x DVI-D (single link) up to 1920x1200@60Hz
Audio-output	Cinch stereo

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