



UltraVista Plus Video wall controller

- Distortion-free display on all four monitors
- Supports DVI input and DVI and analog output monitors
- Four independent video outputs
- Programmable input EDID
- Utility allows for easy control of cropping, scaling, rotation and gap compensation
- Compatible with Single Link, Dual Link or HDMI inputs (HDMI requires adapter)

Features and Benefits

- Single or dual link DVI input support
- Max output resolution 2048 x 2048
- Full bezel width and height correction
- Splits a single DVI input into four independent outputs
- Output monitors can be DVI or Analog RGB
- Each output monitor can display any selected area of the input image
- Auto-detection of input resolution and output monitor resolution
- Default setting displays $\frac{1}{4}$ of the input signal on each output monitor in a 2x2 array.
- Each output monitor can display any rectangular section of the input video signal
- The graphical utility provides easy configuration for cropping, scaling, rotating, and gap compensation.
- Power, status, and input indicators
- The firmware detects when the input and output timings are set to identical frame rates and will automatically genlock the syncs.

UltraVista Plus Advantage . . .

The UltraVista Plus is the perfect addition to an existing video wall system or a new one.

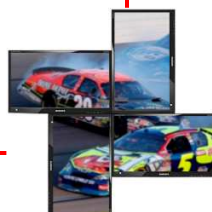
The UltraVista Plus accepts a standard single or dual-link DVI input signal and displays $\frac{1}{4}$ of it across four output monitors.

The system is easy to install and UltraVista Plus's versatility allows for very creative and unique video wall arrangements.

A video wall can consist of a mix of portrait and landscape displays. To support portrait oriented monitors, the selected region of the input image can be rotated by 90° , 180° or 270° to fit and align with the output monitor.

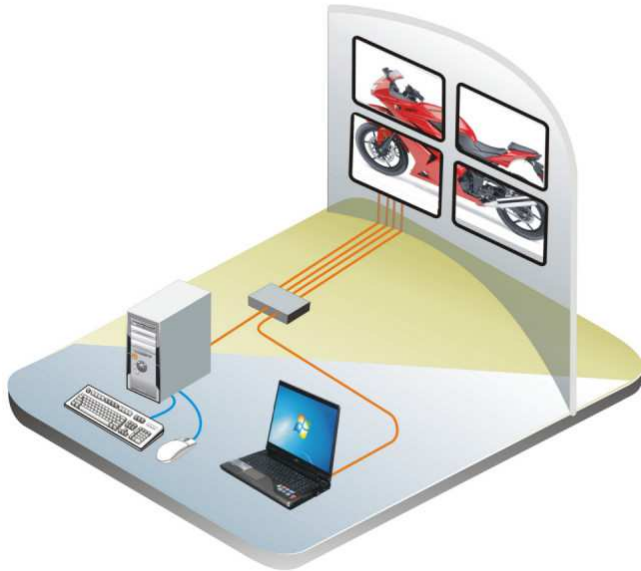
Each output can be driven as DVI or analog RGB and can be any selected area of the input image.

The UltraVista Plus can display the input signal in full on each output display, divide the input signal into quadrants and display each quadrant in a 2x2 display array, optionally convert the frame rates, crop the input signal, upscale specific areas, and much more. With the UltraVista Plus you can design your video wall in different variations and layouts that are sure to attract an audience.



Create unique video wall arrangements

Typical Application



Basics The UltraVista Plus is the ideal product to easily get a unique video wall displayed quickly. Its versatility allows you to arrange the four displays in different layouts. The intuitive configuration application makes it easy to select a portion of the input image and place that portion on any display. The selection can be rotated, scaled, cropped, and adjusted for gaps. Once the configuration is set-up, the UltraVista Plus will run stand-alone and monitor the input resolution and adjust the internal scaling to consistently drive the output monitors.

Cables All video connections to the UltraVista Plus are with DVI video cables. Configuration is via USB Type A/B cable.

Installation The UltraVista Plus installation consists of connecting the DVI video source to the UltraVista Plus video input. With these connection cables in place, UltraVista then connects to the video displays.

Operation The UltraVista Plus, once configured, will perform "stand-alone" without the need for adjustments from the configuration application.

Part Number

VWL-D122DDL

Specifications

| | |
|---|--|
| Dimensions | 235 x 175 x 44mm/ 9.25" x 6.9" x 1.75" |
| Operating Temperature Range | 0 - 35°C / 32 - 96°F |
| Power Requirements | 5V DC, 11W. Universal mains power adapter supplied (100-240V) |
| Cooling | The unit contains a cooling fan. The input and output vents should not be restricted |
| USB 2.0 | Full speed (12Mbits/s) operation supported |
| 1 x Dual link DVI capture | To 330 Mpixels/s |
| Input Surface | 4k x 4k maximum |
| 4 x Single link DVI or analog RGB outputs | To 165Mpixels/s |
| Output Screens Resolutions | Up to 2.5Mpixel (maximum 2048 pixels in either direction) |
| Arbitrary Up Scaling | 64 x original surface area |
| Firmware Support | Updates supported via USB |



The UltraVista Plus can display a video wall in numerous configurations

