



Video Controller / Splitter Video Wall

Display a single video input on an array of monitors
Models available in a 2x2, 3x3, and 1x4 (Horizontal)
High Definition video output up to 1920 x 1200
Supports video input resolutions up to 3840 x 2400
Expandable to produce a 4 x 4 array or a 9 x 9 array
Display mode automatically selected depending on
input resolution

Features and Benefits

- Supports Dual link DVI video input
- Single-link DVI video outputs
- Models:
 - 2x2 - 1 dual-link DVI input / 4 single-link DVI outputs
 - 3x3 - 1 dual-link input / 9 single-link DVI outputs
 - 1x4 – 1 dual-link DVI input / 4 single-link DVI outputs (monitors orientated horizontally)
- Supports video input resolutions up to 3840 x 2400
- Output resolutions up to 1920 x 1200
- Depending on input resolution, the display mode is automatically set for:
 - Clone mode (Same image on all monitors)
 - Split mode (Same image on each row)
 - Video wall mode (Image split over all displays)
- Easy adjustments for bezel compensation
- Expand a 2x2 model easily to a 4x4 display, a 3x3 model to a 6x6 or a 9x9 display array.
- Configure the 1x4 model with 4 monitors arranged horizontally
- Adjustments and control can be performed using a remote control or commands from a connected computer using the OSD functions
- Compatible with most monitor that supports DVI input. Displays can be LCD, HD Plasma, DLP, Projectors, or others.

The UltraVista LC Advantage . . .

The UltraVista LC is the product of choice for those who have the need to produce a high quality, inexpensive video wall. Models are available for a 1x4, 2x2, or 3x3 video wall. The 2x2 and 3x3 models can be expanded to produce a 4x4 or a 9x9 video array.

Connect the UltraVista LC directly to a laptop or desktop computer with a single DVI cable and instantly the hi-definition computer image is displayed on a large video wall. No extra set-up is required because the UltraVista LC automatically detects the correct settings.

UltraVista LC requires a high resolution dual link DVI input from the video source. The video source is split directly over the display array with no image scaling or adjustments. Control of the UltraVista LC can be performed remotely using the remote control or from a connected computer with an RS232 serial port.

The UltraVista LC can be automatically configured to produce three output modes; video wall mode, clone mode, and replication mode. These modes are automatically configured based on the input resolution received from the video source.

The video wall mode accurately splits the input image over the display array.

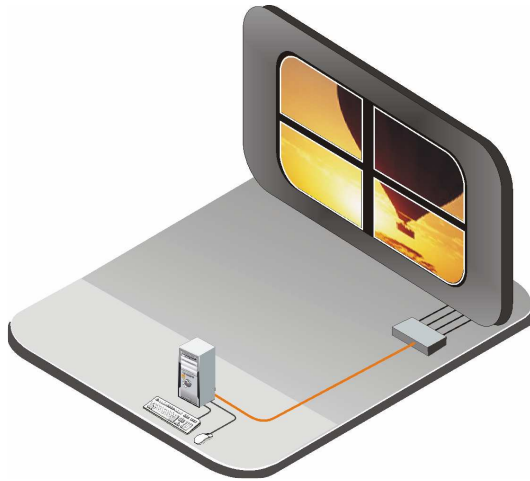
The clone mode displays the same image on all monitors.

The replication mode shows the same image on each row of monitors.

Display Modes



Typical Application



- Models:** The UltraVista LC is available in 3 models:
- The 2 x 2 - Displays a single DVI video source on a 2x2 video wall (expandable to a 4x4 video wall)
 - The 3 x 3 - Displays a single DVI video source on a 3x3 video wall (expandable to a 9x9 video wall)
 - The 1 x 4 - Displays a single DVI video source on a 1x4 video wall (4 horizontal DVI displays)

Cables: A dual-link DVI-D cable is used to connect the graphic card output to the UltraVista LC DVI input. The DVI monitors used can connect directly to the DVI output connectors. If a greater distance is needed between the UltraVista LC and the monitors or from the computer video source to the UltraVista LC, Rose Electronics' DVI extender line can extend the distance to 450 feet over CATx cabling or up to 33,000 feet over fiber cable.

Installation: Installing the UltraVista LC is a very quick and easy process. Connect the DVI video displays, the high definition video source, RS232 cable, and the power adapter to the unit, Power on the monitors, the UltraVista LC unit, and controlling computer. Adjust the output screen resolution, and the bezel settings and you're done.

Operation: Operating the UltraVista LC is almost automatic. Provide the high-resolution image to display on the video wall and the unit does the rest. In an expanded system, only the master unit needs to be set-up. UltraVista LC will adjust the remote unit for a smooth image transition between displays.

Specifications

P/N	Description
VWL-B114D	1x4 video wall (Horizontal)
VWL-B122D	2x2 video wall
VWL-B133D	3x3 video wall

Dimensions:

	Width (in / mm)	Depth (in / mm)	Height (in / mm)	Weight (lbs / kg)
2x2	9.1/230	7.0/178	1.85/47	
3x3	11.6/295	7.4/188	1.85/47	
1x4	9.1/230	7.0/178	1.85/47	

Video:

Dual link	DVI-D
Resolution	Input – up to 3840 x 2400 Output – up to 1920 x 1200

Connectors:

DVI in	Dual-link DVI-D female
DVI out	Single-link DVI-D
Power	Male barrel jack

Controls: Front Panel push buttons

Power: Adapter – 90-264 VAC in / +12V out
(2x2 – 10W / 3x3-17W)

Operating Temp. 32°F - 104°F (0°C - 40°C)

Approvals: CCC, CE, FCC

Rear Panel



Top – VWL-B122D (2x2)
Bottom – VWL-B133d (3x3)

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DS-UVLC

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