



DVI 4K Video Wall Controller

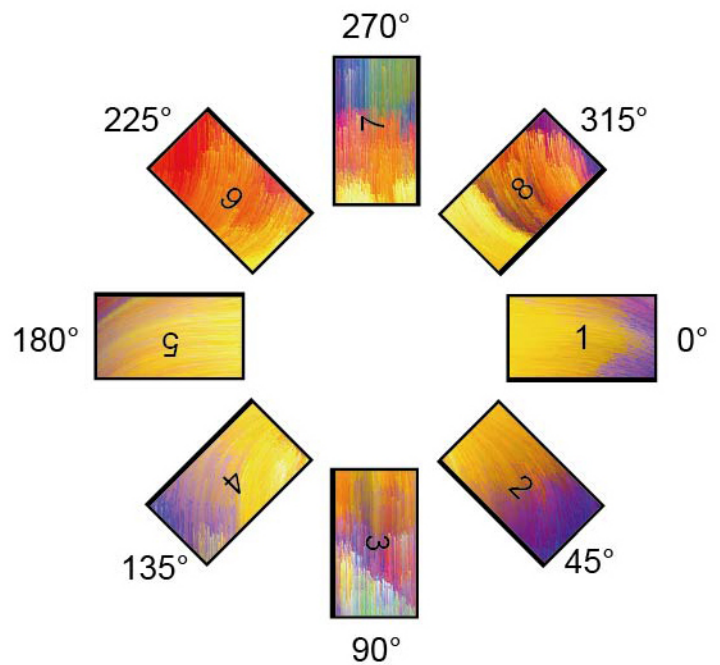
Supports 45°, 90°, 135°, 180°, 225°, 270° or 315° rotation

Introduction:

The DigiBird® DB-RC4 v2 Video Wall Controller is the simplest and most cost-effective solution to build an eye-catching and creative video wall. It is an ideal video wall solution for retail stores, shopping malls, restaurants, sport bars, hotel lobbies, trade shows and entertainment venues.

The DB-RC4 v2 breaks the limitations of the traditional video wall alignment. Unlike traditional video wall controllers or processors, each DB-RC4 v2 output can be independently flipped or rotated 45°, 90°, 135°, 180°, 225°, 270° or 315°. It also supports the alignment of varying resolutions and display sizes to build an asymmetrical, distinctive video wall.

The DB-RC4 v2 is a compact video wall controller/processor that features one single or dual-link DVI input which provides stunning 4K × 4K input capability, flexibly routing the input to four full HD output displays.



Features:

Controls up to four displays in a wall configuration by a single DB-RC4 v2.

- Cascades multiple units to create videowalls of more than four displays.
- Bezel compensation for images across screens.
- Supports image rotation and mirroring. Each output can be independently rotated 45°, 90°, 135°, 180°, 225°, 270° or 315° and flipped horizontally or vertically.
- The displays aligned in the video wall can be of different sizes and of native resolution.
- Accepts Single-Link or Dual-Link DVI and HDMI input signal formats. (A DVI-to-HDMI adapter is required.)
- Ultra high input resolutions up to 4K x 4K (4088 pixels x 4088 pixels).
- Supports connections to four DVI-I (VGA, DVI or HDMI) displays. All VESA resolutions (up to 1920x1200@60Hz) are supported.
- The input source can be cropped at the user's discretion and copied to an output monitor. The smallest cropping area is one pixel.
- Supports flexible EDID management.
- Windows® XP, Windows® 7, Windows® 8, Windows® 10 compatible.

Layouts:

Rotation: 90° Increment



Windmill



Doughnut



Asymmetric



2x2 Layouts

Rotation: 45° Increment



Windmill



Doughnut



Asymmetric



45°



Fish



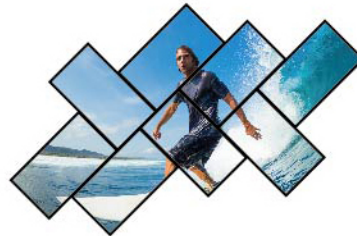
Heart



Kite



135°



135° & 225°



135° & 315°

Crop and Duplicate



Crop Layouts



Matrix Mode

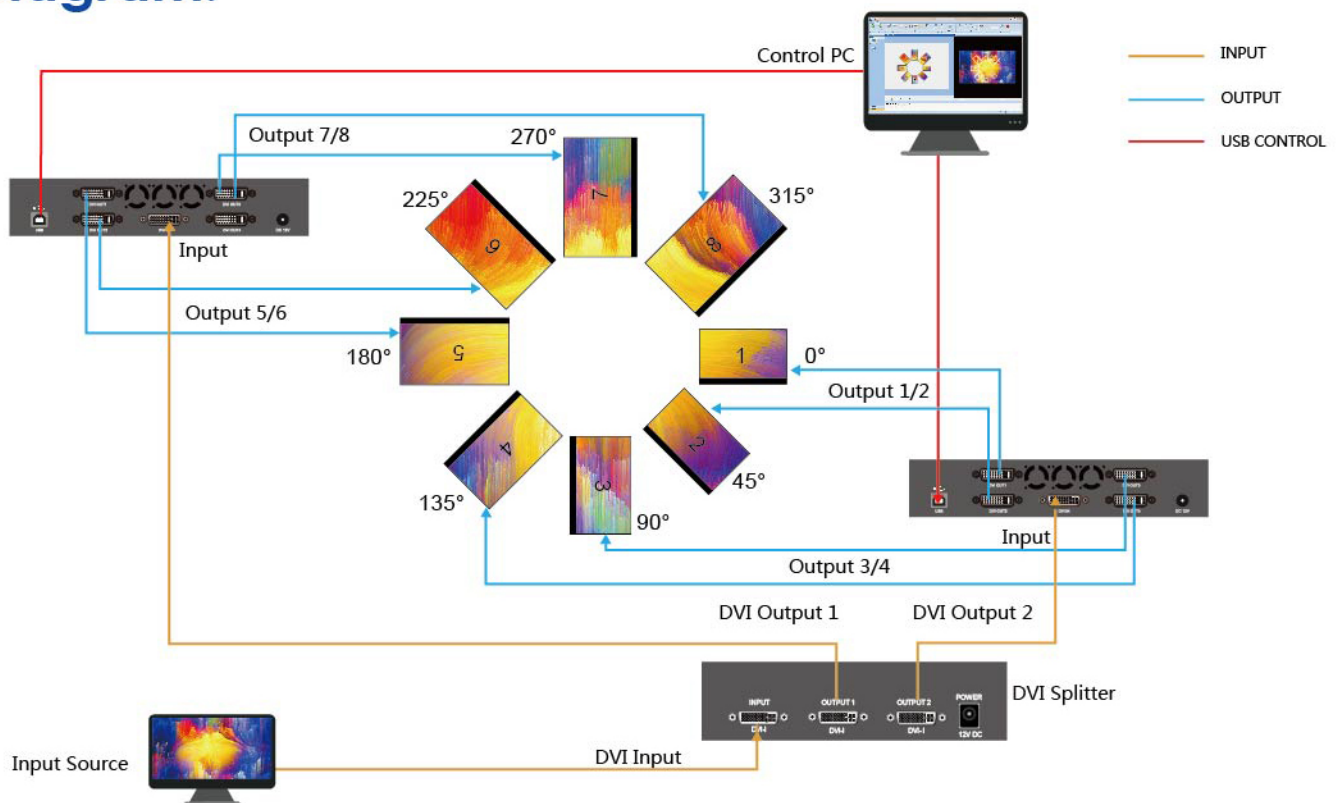


Landscape and Portrait

Specifications:

Connectors		Arbitrary Upscaling	
1x Single-Link or Dual-Link DVI-I female input		Unlimited upscaling for original cropped area	
4x DVI-I female output		Power	
1x power connector female		Input:	100-240 VAC, 50/60Hz, 0.8 Amps
1x USB-B female		Output:	12 VDC, 5 Amps
Indicators		Consumption:	40 Watts
1x Power LED, 1x Input LED, 1x Status LED		Mechanical	
Outputs		Dimensions	8.86"W x 8.66"D x 1.75"H without mounting ears
4 x Single-Link DVI or analog RGB outputs, up to 1920x1200@60Hz			235mm x 220mm x 44.5mm without mounting ears
Input			10.24"W x 8.66"D x 1.75"H with mounting ears
Input Resolution	Up to 4Kx4K		260mm x 220mm x 44.5mm with mounting ears
Input Clock Rate	330MHz		<i>Note: Mounting Ears are optional</i>
Input Bandwidth	9.9Gbps	Package	17.72"W x 12.20"D x 3.74"H
Environmental			450mm x 310mm x 95mm
Operating Humidity	90% non-condensing	Net Weight	2.78 lbs (1.26 Kg)
Operating Temperature	32° to 104°F (0° to 40°C)	Gross Weight	6.33 lbs (2.87 Kg)

Diagram:



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