



Stand Alone Display Wall Controller

One box, Four outputs, Millions of possibilities

+ HIGH PERFORMANCE CONTROLLER

The Datapath x4 is a stand alone display wall controller that accepts a standard single or dual-link DVI input and can flexibly display this across four output monitors.

Each output can be driven as DVI or analog RGB, and can represent an arbitrary crop region of the original input image. Additionally, each output can be independently mirrored or rotated through 90°, 180° or 270° to support creative mixes of landscape and portrait monitors.

Datapath have added active equalization hardware on the x4 which is able to compensate for these losses and support cable lengths of up to 20m even at full dual-link resolutions (330Mhz pixel clocks). Lower resolutions will allow even longer cable lengths.

+ FEATURES

- Infinite creative configurations
- Up to Ultra HD input, 4 HD 1080p outputs
- Rotates, crops, scales, mirrors and bezel corrects
- Accepts dual-link DVI or single-link DVI inputs
- Power down configuration save facility, power up instantly with no re-set up required
- Compatible with Mac OS X 10.6
- Active equalization hardware for longer cable support up to 20m for full dual-link, for more flexible positioning.

Creativity Made Simple

+ ADDITIONAL FEATURES

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 x4 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.

+ GENLOCK

The Datapath x4 will auto-sense input and output frame rates and automatically genlock when possible. Four identical output monitors will automatically be driven genlocked and if the input timings match they are additionally genlocked and clock-locked to the source signal.

+ WALL DESIGNER

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Available in German, French, Japanese, Polish, Portuguese, Russian and Simplified Chinese

+ MODELS AVAILABLE

Order Code: Datapath x4
Desktop display wall controller

Order Code: Datapath x4-1U
Rack mountable display wall controller

+ SPECIFICATIONS

Dimensions	x4 235 x 175 x 44mm / 1.10Kg x4-1U 438 x 173 x 40mm / 2.25Kg
Operating Temperature	0 - 35 DegC/32 - 96 DegF
Power requirements	5V DC, 18W. Universal mains power adapter supplied (100-240V). Note x4-1U has internal PSU (100-240V)
USB 2.0	Full speed (12Mbps/s) operation supported
Signal Support	Progressive Signal
Cooling	Cooling by internal fan. The output vents should not be restricted. Note: the x4-1U has a larger fan producing less noise.
1x DVI-D DL capture	To 330Mpixels/s
Input Surface	4k x 4k maximum
4x single link DVI or analog RGB outputs	To 165Mpixels/s
Output screens resolutions	Up to 2.5Mpixel (max. 2048 pixels in either direction)
Arbitrary Up scaling	64 x original surface area
Firmware Support	Updates supported via USB
MTBF	50,000hrs
Warranty	3 years

We are continuously developing the technology used within our product specifications are subject to change.

