

Product Spec Sheet from Rentex

DataPath X4 Quad Matrix

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Rentex Product No. XVM0500



Mfr Part No. DATA4

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. The output resolution and frame rate does not need to be related to that of the input, as the Datapath x4 display controller will optionally upscale and frame rate convert each cropped region independently.

Features

- High resolution input, VGA, HD to 4k
- High quality scaler and frame rate converter
- Bezel or gap correction
- Arbitrary cropping
- Frame locking
- Input to output overlap

Detailed Specifications

Input Surface	4k x 4k maximum
Output Screens Resolutions	Up to 2.5 Mpixel (maximum 2048 pixels in either directions)
1 x dual-link DVI capture	To 330 Mpixel/s
Arbitrary Up Scaling	64 x original surface area
USB 2.0	Full Speed (12 bit/s) operation supported
Firmware Support	Updates supported vis USB
Outputs	4x single-link DVI or Analog RGB outputs: To 165 pixels
Temperature	Operating Temperature: 0-35 Deg ° C / 32-96 Deg F
Power Requirements	5V DC, 18W Datapath x4: Universal mains (100-240V) adapter supplied Datapath x4-1U: Internal PSU (100-240V)
Cooling	Internal cooling fans in both models Note: x4-1U has a larger fan, producing less noise
Dimensions	Datapath x4: 235 x 175 x 44mm (W x L x H) Datapath x4-1U: 438 x 172 x 40mm (W x L x H)