

# Brick-2 Video Wall Processor

Innovation in video wall processors since 1987



Our successful Brick-1 video wall processor led the market for low cost equipment supporting standard definition video walls. Now we have launched our latest low cost video wall processor based on the proven Brick-1 architecture, but with a host of new features including S-video outputs and pixel smoothing to avoid blocky magnified images. We have not compromised quality or price.

This processor is packaged in a 19-inch / 2U format with removable feet and brackets to enable it to be rack or floor mounted. After feedback from users we located all the video inputs and controls conveniently at the front of the unit, while all the video outputs and power are at the rear of the unit for convenient cabling.

Two independent video input processors with internal synchronisation support all the standard definition TV formats (PAL, NTSC, SECAM) enabling two sources to be displayed on the video wall simultaneously. Each video input processor has two Composite-video inputs plus one S-video input supporting up to 8 video sources.

This is the only video wall processor in the market which supports Composite-video and S-video monitors, and we have retained the ability to display text messages and graphics as our users really appreciated this feature on the Brick-1 product. You can download and display Windows™ bitmaps including your company logo.

All video parameters can be adjusted remotely, and you can compile and test your favourite sequences using our control software included at no additional cost, and download complex sequences for permanent operation without a PC needing to be connected.



Download the full software from [www.mediat.co.uk](http://www.mediat.co.uk).

You can even use this software to control your own RS-232 devices - but we prefer you to buy our processor of course.

Contact us at: [sales@mediat.co.uk](mailto:sales@mediat.co.uk)

# Brick-2 Video Wall Processor Specification

The following technical details are subject to change without notice. Please contact us to help you specify the system which best meets your video wall needs at [sales@mediat.co.uk](mailto:sales@mediat.co.uk).

<b>Enclosure</b>	19-inch 2U rack mounting or free standing (detachable brackets). Welded steel, matt black paint with fingerprint resistant lacquer finish. Size: 430 mm x 250 mm x 88 mm.
<b>Array Formats</b>	Processor supports up to 16 monitors expandable to 25 monitors using internal module. Implement huge arrays up to 256 monitors using multiple processors. Use consumer plasma or LCD TV Monitors with A/V inputs. Square, rectangular and pyramid monitor arrays supported. Processor can compensate for monitor position misalignment.
<b>Video Inputs</b>	4 Composite-video inputs + 2 S-video inputs – up to 8 sources in total. PAL, NTSC, SECAM, 50/60 Hz field rate, 15.625 kHz line rate. Software control of all video input functions with storage in processor flash memory.
<b>Video Conversion</b>	2 independent video input processors with internal synchronisation. CCIR601 sampling @ 27 MHz.
<b>Display Resolution</b>	720 x 576/480 interlaced and repeat field modes.
<b>Video Outputs</b>	Composite-video: RCA/Phono Connector, 1V p-p /75 Ohm. Software selectable PAL, NTSC and SECAM, 50/60 Hz field rate, 15.625 kHz line rate. S-video: Mini-DIN Connector, 1V p-p /75 Ohm. Software programmable horizontal and vertical monitor offsets.
<b>Effects</b>	Magnifications 1 to 16 with no motion artifacts. 2-dimensional (2D) Pixel interpolation for ultra-smooth magnified image. Display text and graphics messages including your logo. Freeze modes including variable rate strobe. Colour washes with 64k different colours on each video wall monitor. Wash colour cycling – 64k different colours on each video wall monitor. Wipe between 2 video input channels and switch between 8 video inputs. Wipe between colour wash and video. Interlace and repeat-field display modes. Zoom and bounce images. Solarise, negative, and other pixel intensity effects. Effects continuously under development with free upgrades via our website.
<b>Effects Control</b>	Control software included with processor at no extra cost. Download your effects sequences to processor flash memory for stand-alone operation. Optionally trigger downloaded sequences using simple ASCII RS-232 commands. Control slave RS232 devices such as video matrix switches. Multiple processors controlled using RS-232 daisy-chain.
<b>Electronics</b>	All electronics mounted on single circuit board, upgradeable to 25 output channels.
<b>Power</b>	Internal 40W, auto-switching 100VAC to 240VAC, 0.315A, 50/60 Hz.
<b>Environment</b>	Integral low noise fan. Storage: -40° to +158°F (-40° to +70°C) / 10% to 80%, non-condensing. Operating: +41 to +95°F (+5 to +35°C) / 10% to 80%, non-condensing.
<b>Weight</b>	Product weight: 5 kg (11 pounds). Shipping weight: 7 kg (15 pounds).
<b>Warranty</b>	Warranty: 2-years parts and labour.

---

## Media Technologies Ltd.

361 Mill Road  
Mile End  
Colchester  
Essex CO4 5GG  
United Kingdom

W: [www.mediat.co.uk](http://www.mediat.co.uk)  
T: +44-1206-585026  
F: +1-417-626-7986 (USA)  
E: [sales@mediat.co.uk](mailto:sales@mediat.co.uk)

