

# New Brick-2 Videowall Processor



Our successful Brick-1 processor led the market for low cost videowall processors supporting composite-video monitor arrays. Now we have launched our latest low cost videowall processor based on the proven Brick-1 architecture, but with a host of new features. We have not compromised quality or price.

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

The processor provides four Composite-video inputs plus two S-Video inputs switched under software control. It integrates two independent video digitiser/decoders with internal synchronisation supporting all the standard TV formats (PAL, NTSC, SECAM) and enabling two sources to be displayed on the videowall simultaneously.

This processor is the only one in the market which supports both Composite-video and S-Video displays as standard, 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 any Windows™ bitmap including your company logo.

All video parameters can be adjusted remotely, and you can compile and test your favourite sequences using our software and download them for permanent operation without PC.



The processor is supplied with our user-friendly sequence compiler at no additional cost.

Download the full software from [www.mediat.co.uk](http://www.mediat.co.uk). You can even use it to control your own RS-232 devices - but we prefer you buy our processor of course.

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

# New Brick-2 Videowall Processor Specification

The following technical details are subject to change. Please contact us to help you specify the system which best meets your videowall 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>Videowall Array Formats</b>	Basic processor supports up to 16 monitors. Expansion to 25 monitors using internal module. Up to 256 LCD panels, Plasma panels, Projectors, Cubes. Consumer TV Monitors with A/V inputs. Square, rectangular and pyramid monitor arrays supported.
<b>Video Inputs</b>	Software selected: 4 Composite-Video inputs + 2 S-Video inputs. PAL, NTSC, SECAM, 50/60 Hz field rate, 15.625 kHz line rate. Software control of video input functions. Brightness, Contrast, Saturation, Hue with storage in processor flash memory.
<b>Video Conversion</b>	2 independent video digitisers/decoders with internal timebase synchronisation. 27 MHz sampling.
<b>Display Resolution</b>	720 x 576/480 interlaced and repeat field modes. Image memory stores four fields at full resolution.
<b>Video Outputs</b>	Composite-Video: RCA/Phono Connector, 1V p-p /75 Ohm. Software selectable PAL or NTSC S-Video: Mini-DIN Connector, 1V p-p /75 Ohm. Software programmable horizontal and vertical monitor offsets.
<b>Effects</b>	Magnifications 1 to 16. Pixel interpolation for ultra-smooth magnified image ( upgrade option ). No motion artifacts. Downloaded text and graphics messages on videowall. Download and display your logo or other windows bitmap. Colour text and graphics overlays. Freeze modes. Variable rate strobe. Colour washes (different colours on each videowall monitor). Wipes between 2 video input channels. Wipes between colour wash and video. Interlace and repeat-field display modes. Bouncing images. Solarised, negative, dazzle pixel intensity effects. Wash colour cycling (different colours on each videowall monitor). More under development (upgrades via support website).
<b>Effects Control</b>	Graphical software included as standard (no extra charge). Downloaded sequences for stand-alone operation. Trigger downloaded effects/sequences using simple single RS-232 terminal. Multiple processors synchronised and controlled using RS-232 daisy-chain.
<b>Electronics</b>	All electronics mounted on single circuit board (25 channel unit has additional board).
<b>Power</b>	100 VAC to 240 VAC, 47Hz or 440Hz. 30 W Max.
<b>Environment</b>	Integral Fan. Maximum ambient temperature: 5-35°C, 41-95°F.
<b>Weight</b>	5 kg (11 pounds).
<b>Warranty</b>	Warranted against factory defects: 12-months. Extended warranty options available.

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