

Advanced 4K x 2K video processing technology, renders up to eight videos, at the same time.

- All input and output resolutions up to 3840 x 2160.
- 8 x inputs.
- 3 x outputs.
- Composite output: Cut, crop and stack inputs, with transparent overlay.
- Low heat and power.



Perfect rendering

MIDAS II 4K can generate three video streams, each with up to 8 Mega-pixel resolution.

Input video

For each input, the MIDAS II 4K provides complete control:

- Set up any input resolution.
- Generate independent EDID (Extended Display Identification Data).
- Colour mapping.
- Transparency.

Output video

For each output, the MIDAS II 4K provides complete control:

- Set up any output resolution.
- Render a single input on a single screen.
- Create a composite of inputs in a mosaic.
- Create a composite of inputs, stacked with transparency.



Output 1



Output 2



Output 3



Safety

Thruput True-pixel graphics processing:

- Directly maps input pixel to output pixel.
- Avoids any zoom engines or pixilation chipsets.
- All data channels are isolated and data from one channel cannot pass to another.

Green solution

The MIDAS II 4K does not use any hazardous materials, and is:

- Fully RoHS compliant, with ultra-low power consumption.
- Typically 30W in normal operation.

Specification

Outputs	3 off 3840 x 2160 (DVI DL)
Inputs	8 off 3840 x 2160 (DVI DL)
Function	<ul style="list-style-type: none">• Set input and output resolutions.• Independent EDID (Extended Display Identification Data).• Synchronise all received data.• Create composite output of any or all inputs.• Cut, crop, position and stack each input.• Map selected colours to new colours.• Set transparency colours for each input.
Power	Dual redundant, 12V 3A inputs. Mains PSU, dual external. Universal input voltage, worldwide use. Typically below 30W.
Noise	0 dB (silent operation)
MTBF	127,000 hours
Compliance	CE, FCC and ROHS.
Record	Record any output using Sentinel recorder.
HMI	Support synchronized switching with mouse & keyboard.
Extension	Up to 100m, Sentinel KVMX extender.

