

*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"> <li>• Set input and output resolutions.</li> <li>• Independent EDID (Extended Display Identification Data).</li> <li>• Synchronise all received data.</li> <li>• Create composite output of any or all inputs.</li> <li>• Cut, crop, position and stack each input.</li> <li>• Map selected colours to new colours.</li> <li>• Set transparency colours for each input.</li> </ul>
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.

