

THRUPUT

DVI DL KVM Switch GF MIDAS II ABS

High integrity switching technology, routes up to eight inputs to three outputs, with a single mouse and keyboard.

- 8 x DVI DL inputs.
- 3 x DVI DL outputs.
- USB mouse and keyboard.
- Generates independent EDID (Extended Display Identification Data).
- Continuous synchronisation of all inputs.
- Temporary inset of selected inputs.
- Alpha blending.



Input control

For each input, the MIDAS II provides complete control:

- Set up any input resolution.
- Generate independent EDID (Extended Display Identification Data).
- Continuous video synchronization.
- Synchronize keyboard and mouse.

Output switching

For each output screen, the MIDAS II provides complete control:

- Set up any output resolution.
- Render a single input on a single screen.
- Composite of inputs in a mosaic.
- Composite of inputs, stacked with transparency and alpha blending.



Tallinn ACC: 6 inputs, 3 screens, one mouse and keyboard.
• EUROCAT and RDS1600 Alpha blending.
• MET display Inset.

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 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 DVI DL
Inputs	8 off DVI DL
HMI	Synchronized switching with USB mouse & keyboard.
Function	<ul style="list-style-type: none"> • Set input and output resolutions. • Independent EDID (Extended Display Identification Data). • Continuous synchronisation of all inputs. • Switch composite output of any or all inputs. • Alpha blend selected channels. • 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.
Extension	Up to 100m, Sentinel KVMX extender.

Screen 1: One input



Screen 2: Five Inputs



Screen 3: Two inputs



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