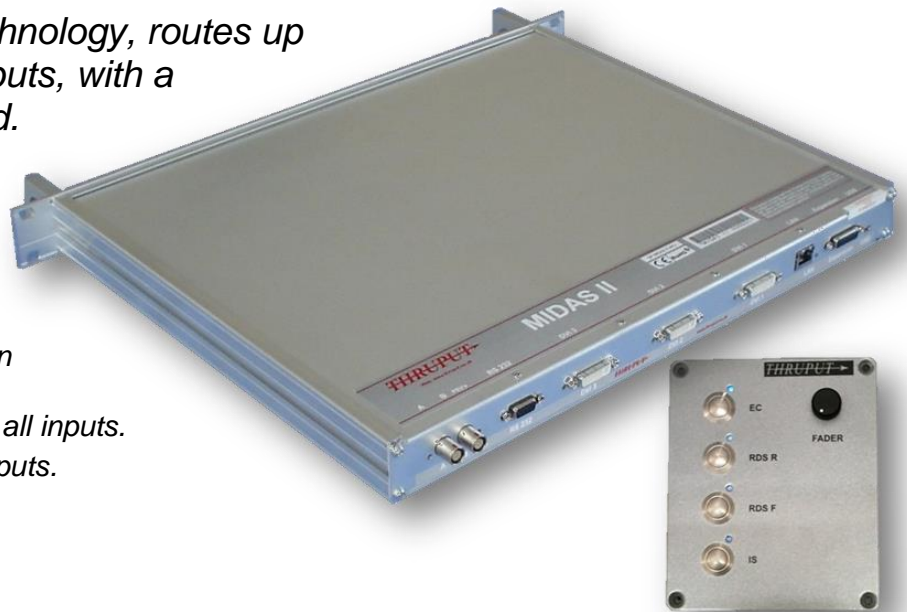


# THRUPUT

## 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"> <li>• Set input and output resolutions.</li> <li>• Independent EDID (Extended Display Identification Data).</li> <li>• Continuous synchronisation of all inputs.</li> <li>• Switch composite output of any or all inputs.</li> <li>• Alpha blend selected channels.</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.<br>Mains PSU, dual external.<br>Universal input voltage, worldwide use.<br>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

