

*In line video processor for video re-timing, format control and colour processing.*

- *Input and output frame re-timing.*
- *Video offsetting.*
- *EDID generation.*
- *Continuous synchronisation.*
- *Change DVI SL to DL.*
- *Image rotation.*
- *Colour control and transparency.*



### **Video conversion**

The Videomax II buffers inbound video as raw RGB. The video can be converted:

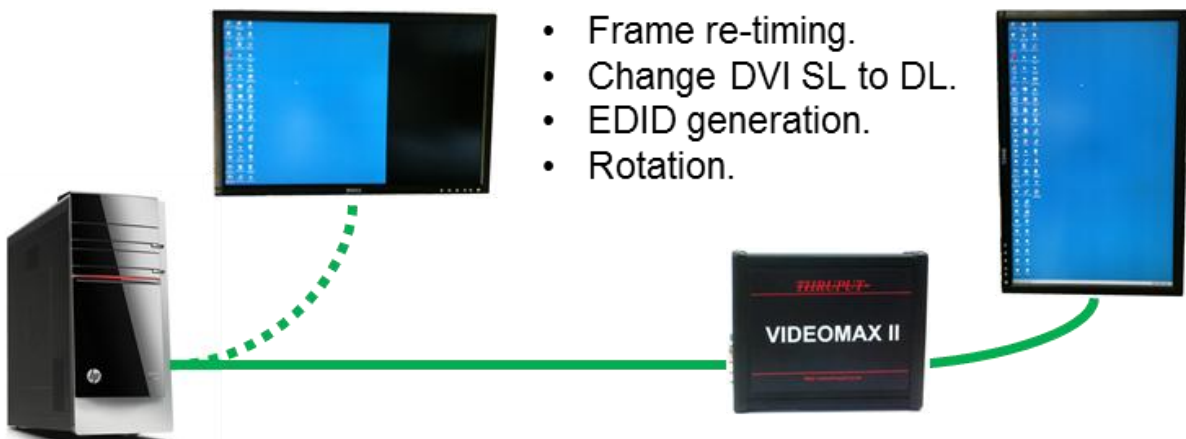
- From: Any DVI input resolution, at any frequency.
- To: Any DVI output resolution, at any frequency.

### **Video processing**

- Input source synchronization is always maintained.
- Output synchronization is always maintained.
- Video re-timed and positioned to suit the output resolution of KVM or screen.
- DVI-SL Input can be rotated from landscape to portrait.

### **Colour Processing**

- Colour change.
- Video signal noise filtering.
- Transparency.



## Simplicity

- No software required.
- Plug and play solution.
- Independent of the display screen.
- Independent of the operating system.
- High reliability.
- Silent operation.

## Safety

Thruput True-pixel graphics technology provides perfect pixel processing:

- Precise control of pixel colour.
- Precise control of pixel position.
- All functions performed in real-time and without loss.

## Green solution

The Videomax II is a green solution in its own right, and enables other low environmental impact technologies to be used:

- Does not use any hazardous materials.
- Fully RoHS compliant.
- Ultra-low power consumption, typically under 5W in normal operation.

## Specification

|                      |   |
|----------------------|---|
| Input                | 1 x DVI DL  |
| Output               | 1 x DVI DL  |
| EDID                 | Configurable EDID: Enable modern graphics cards to drive legacy monitors that do not have EDID.   |
| Compatibility        | <ul style="list-style-type: none"><li>• DP and HDMI cable adapter.</li><li>• No software required, plug and play operation.</li><li>• Independent of operating system.</li><li>• Legacy monitors (no EDID).</li></ul> |
| Resolution           | Any, up to 3840 x 2160, including 2560 x 1600 and 2048 x 2048.  |
| Power Supply options | USB.<br>5V external.  |
| Physical             | Case: 12cm x 10.3 cm.   |
| Weight:              | 200 g.  |
| MTBF                 | 125,000 hours (calculated).   |
| Noise                | 0 dB (silent operation).  |
| Compliance           | CE, FCC and ROHS class B.   |

