

# THRUPUT

## Analogue to Digital Convertor Sentinel RGB Portal

*In line, analogue to digital convertor, supports any resolution, including 2K x 2K video.*

- *Analogue to digital conversion.*
- *Input and output frame re-timing.*
- *Video frame offsetting.*
- *Continuous synchronisation.*



### Video conversion

The portal is optimized for high-resolution analogue video, including the 2048 x 2048 resolution of the Sony DDM:

- Enables analogue graphics processor to drive digital displays, including 28" 2048 x 2048.
- Mixed analogue and digital high-resolution sources can share digital KMV switches.
- Fully configurable resolution and output mode (DVI SL or DVI DL) to match any downstream equipment.

### Video processing

- Input source synchronization is always maintained.
- Output synchronization is always maintained.
- Video re-timed and positioned to suit the output screen.



**Analogue RGB**  
2048 x 2048



**DVI dual link**  
2048 x 2048



## 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 frame timing.
- 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

Supported resolutions	Any (please specify when ordering).
Output mode control	DVI SL or DVI DL
Common resolutions	2048 x 2048 1536 x 2048
Connectors	Input: VGA Output: DVI Dual Link
Power options:	1 x USB (mini) 1 x 5V external
Size	14 x 6.5 x 2.8 cm
Weight	120 g
MTBF	125,000 hours (calculated).
Noise	0 dB (silent operation).
Compliance	CE, FCC and ROHS class B.



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