THRUPUT

2K x 2K Developers Display
GF VMAX 2KDEV

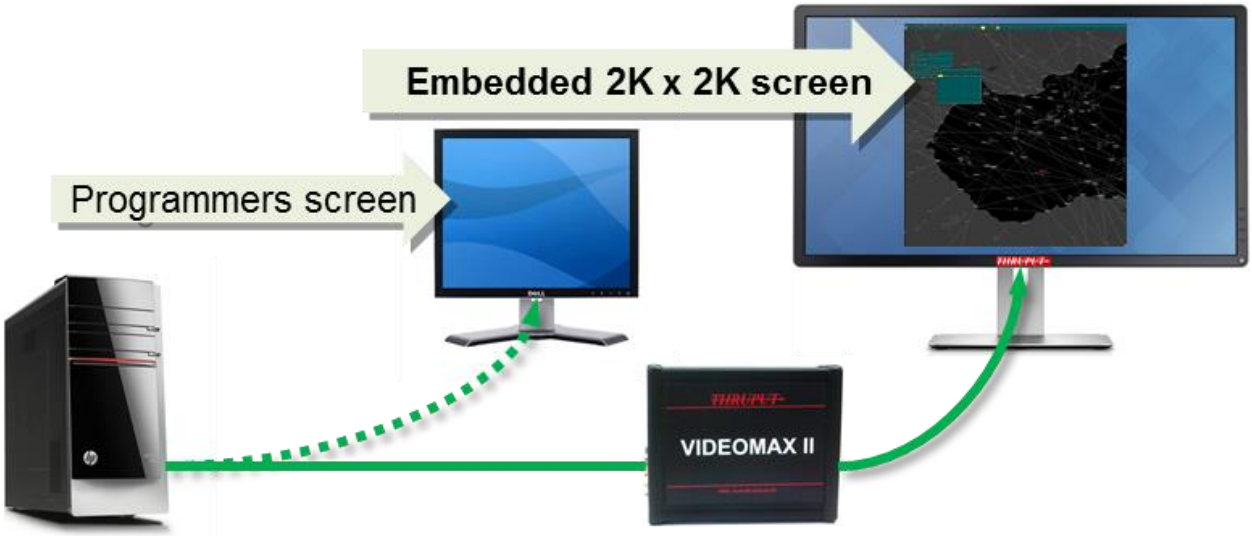
Cost effective ATC development display, creates custom resolutions, such as 2048 x 2048, and embeds them on a 4K x 2K display.

- *Accepts any resolution video from a graphics processor.*
- *Independent of the developers operating system.*
- *Embeds complete, pixel perfect video on a 4K x 2K screen.*
- *Provides custom EDID, including 60Hz 2048 x 2048.*

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

- From: Any input resolution, at any frequency.
- To: Any 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 screen.
- Input can be rotated from landscape to portrait.



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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	• DVI DL with in cable adapters for DP or HDMI. • Any resolution up to 3840 x 2160, including 2560 x 1600 and 2048 x 2048.		
Output	• Natural 28” 3840 x 2160 resolution. • 2048 x 2048 embedded:		
	H	V	Diagonal
	328 mm	**328 mm**	**464 mm 18.2”**
EDID	• Configurable EDID • Supports legacy graphics cards (without EDID).		
Compatibility	• No software required. • Plug and play operation. • Independent of operating system.		
Power Supply options	USB or universal mains adapter.		
	Vmax	Display	
Physical	12 cm x 10.3 cm	66 cm x 38 cm	
Weight:	200 g.	11.2 Kg	
MTBF	125,000 hours (calculated).		
Noise	0 dB (silent operation).		
Compliance	CE, FCC and ROHS class B.		

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