

VIDEOMAX Laptop Graphics Accelerator



The Thruput VIDEOMAX Graphics Accelerator enables HDMI equipped laptops to drive high-resolution monitors and projectors.

Thruput Limited VIDEOMAX features:

- The full screen resolution is addressable with a screen refresh rate of 60 Hz.
- HDMI equipped laptops can drive high resolution monitors including:
 - 28" 2048 x 2048
 - 30" 2560 x 1600
- Independent of laptop operating system.
- No software required, plug and play solution.



In this photograph an ASUS K52JC laptop is connected by VIDEOMAX to an LG 30" 2560 x 1600. In this case the screens are identified by the Windows display manager.

Specification

Supported resolutions	All
Common resolutions	2048 x 2048 2560 x 1600 2160 x 1920
Power	USB 2
Size	11 x 7.5 x 2.5 cm
Weight	300 g

The unit is an in-cable solution.

Monitors and Projectors

Single device applications

The Videomax may be used to link a single laptop to a single monitor or projector. Depending on the laptop's capability, this mode makes the additional high-resolution display

available as a clone display or as an extended desktop.

Multiple devices

Where several users need simultaneous access to a common display, projector or video wall, then the MIDAS video processor enables any inputs to be displayed and positioned as desired on the output media. MIDAS creates a seamless display area for real-time video streams.

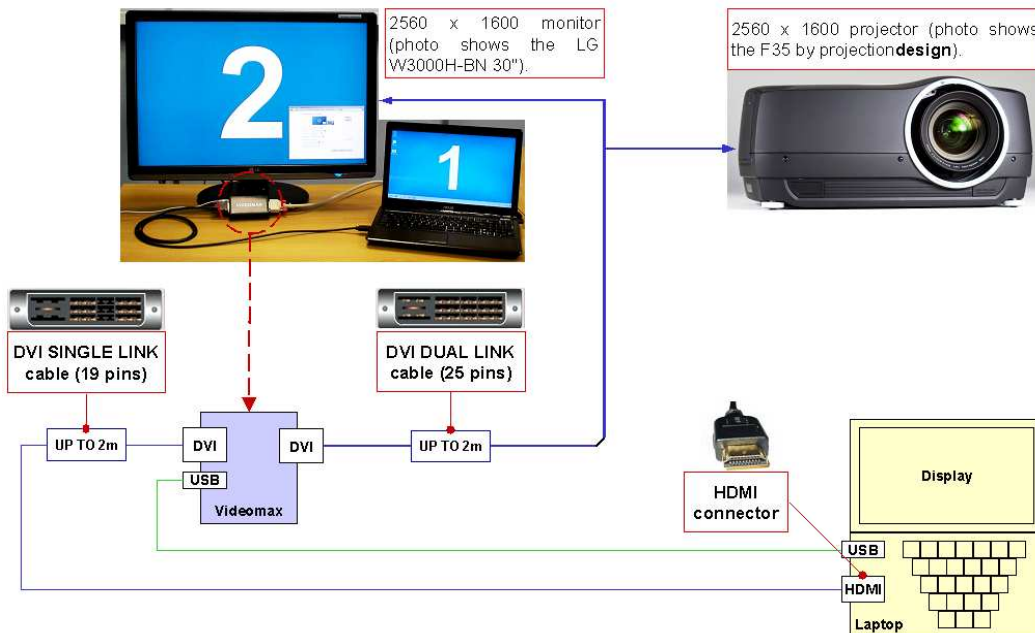


MIDAS inputs: 8 x DVI dual link



MIDAS outputs: 3 x DVI dual link

VIDEOMAX Connection diagram



An HDMI to DVI cable is used to link the laptop with the Videomax, and DVI cables thereafter. The unit is powered from a USB cable. The Videomax supports any DVI dual link device, including monitors and the new generation of high-resolution projectors.

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