Interface Amita Solutions

Manufacturer of industrial computers and interface boards

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Interface Corporation manufactures several hundred different types of interface modules; this gives us the ability to customize any standard product to your specific requirements. Unlike other global manufacturers, we also offer small to mid-volume, high-mix model production and can manufacture small quantity prototype and early stage test run products.

Interface carries a rich selection and wide variety of Interface Modules; our engineers are available to help you find one that will fit the specifications for your application. Contact us today.

Have a Question or need application help? Contact Us!

New PCI Express Models with Superimpose Mode (View more information here.)
Interface has added the PEX-H550411; a new PCIe board to its PCI/PCIe family of approximately 400 different kinds of interface boards.

PEX-H550411
Superimpose NTSC Image I/O

- Digital Input : 1 channel
- Digital Output: 1 channel
- 640 x 480 pixels; RGB 24 bit
- 1GB Memory
- Superimpose; NTSC Compatible
- Digital I/O channels (bi-direction)

Some of the key features are:

Image Superimpose
Superimpose image data on the board to input video signals and output superimposed video signals. Types of superimpose: Overwrite, addition, subtraction, XOR, raw (no-superimpose)

Superimpose of Date/Time
Automatically superimpose strings of date and time at any display position.

Image Superimpose Format
Capture and superimpose images with resolution of 640Hx480V, RGB 24-bit, BGR 24-bit format.

Image Capture Format
Resolution: 640Hx480V, 320Hx240V, 160Hx120V
Format: RGB 32-bit, RGB 24-bit, BGR 24-bit, RGB 16-bit, RGB 15-bit, Monochrome 8-bit, R 8-bit, G 8-bit, B 8-bit

Image Bus Master Transfer
Fast data transfer of images by using bus master transfer to the computer main memory without imposing a load to the computer.

Digital I/O Signals (+5 Vdc to +48 Vdc)
This board has bi-directional digital I/O signals (8 channels) for FA applications. They can be used as triggers for external device control and/or digital input signals. The input signal voltage range is +5 Vdc to +48 Vdc.

External Interrupt Input
All of 8 digital input channels can be used as external interrupt input signals.

Timer Functions
A 24-bit timer counter counts every 1μs, can be used as an interval timer.