

## ViP Interactive foil Interactive overlay for LCD's and rear projection screens

If you are looking to take advantage of the expanding market for through window and internal interactive touch screen solutions? Then the ViP Interactive foil has been designed for you. By integrating our touch-screen technology onto glass or acrylic, you can have create an ideal platform for applying rear projection screens or mounting in front of LCD screens. With this product you can now sell into a whole new market sector and generate new revenue streams for your business.

Example of interactive applications using the the ViP Interactive foil:

### Through window



### Information point



### LCD overlay



### Product features

- No requirement to have any external wires or devices as all of the touch screen components are situated safely behind the glass
- Wide range of custom screen sizes available Sizes up to 100 inch 16:9 format
- Interactivity works even with a gloved hand
- Permanent and removable fixing system available

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## Interactivity specification

Detection Method:	Projected Capacitance technology using horizontal vertical wires
Screen Sizes:	40"- 80" 4:3 40"-100"16:9 as standard, other sizes available on request
Fixing options	Removable and permanent options available
Position accuracy:	Approximately 3 mm absolute, 1 mm relative. No drift
Alignment:	Software drivers provide a calibration facility
Sensitivity:	Can be programmed for different thickness of glass and even use with gloved hands. Standard configuration functions with non-metallised. single construction glass 16mm thick. Double glazing option up to 25mm available*
Speed of response:	Depends upon material thickness. Typically 50 to 100ms
Output:	RS232C communications to a 9 pin D female
Software Compatibility:	Drivers are available for Windows Operating Systems
Temperature range:	Better than -10 to +70°C
Humidity Controller:	0% to 95%. Unaffected by condensation
Light Transmission:	Typically better than 93%.
EMC	EN55022:1998 + A1 + A2 EN55024:1998 + A1 + A2 This device complies with Part 15 of the FCC Rules Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

\* Double glazing option

In this mode we recommend only touch not the touch and drag function. The drag functionality is limited due to the reduction of the scan rate to achieve the touch function through thicker materials

Due to the variation in double construction glass Visual Planet recommend testing with a foil during the survey of each individual site since it is impossible to guarantee the foil will function in all cases.

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## Product construction

