

ViP interactive foil

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Interactive touch foil for LCD's and rear projection

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 applying ViP touch-screen technology onto glass or acrylic you can create an ideal platform for applying rear projection screens or mounting in front of LCD screens. With ViP foil you can now sell into a whole new market sector and generate new revenue streams for your business.


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 - max size 167"
- Interactivity works even with a gloved hand
- Permanent and removable fixing system available



Specifications



 Interactivity Specification		Controller Board	
		USB	SERIAL
Detection Method	Projected Capacitance Touch technology using a horizontal and vertical XY array of sensing wires	√	√
Foil Size (See Material Specification for further information)	30" - 96", 4:3	√	√
	30" - 116", 16:9	√	√
	30" - 146", 21:9	√	√
	30" - 167", No Specified Display Format	√	√
Customisable Features	Sizes, Tail Length, Tail Width, Tail Position, Active Area, Cut Size	√	√
Fixing Options	Removable, Permanent and Semi - Permanent options available	√	√
Position Accuracy	(Sizes 30" - 50") Approximately 3mm absolute, 1mm relative, No Drift	√	√
	(Sizes 51" - 70") Approximately 5mm absolute	√	√
	(Sizes 71" - 116") Approximately 8-10mm absolute	√	√
Alignment	Software drivers provide a calibration facility	√	√
Controller Board Options	Removable Controller Board	√	√
Sensitivity	Can be programmed for different thickness of glass and even use with gloved hands. Standard configuration functions with non-metallic single construction glass 20mm thick inclusive of glass and air gap. Sensitivity through Double Glazing also possible *	√	√
Speed of Response (Dependant on material thickness)	Typically 50 - 100ms	-	√
	Typically 18 - 50ms	√	-
Output	RS 232 C Communications to a 9 pin D Female	-	√
	USB to RS 232 Adapter **	-	√
	USB 2.0 HID Device A Male to Male Mini B	√	-
Software Compatibility	Windows Operating Systems	√	√
	MAC (available from third party)	-	√
	Linux (CentOS and Red Hat)	-	√
Temperature Range	Better than -10 to +70°C	√	√
Humidity Range	0% - 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.	√	√

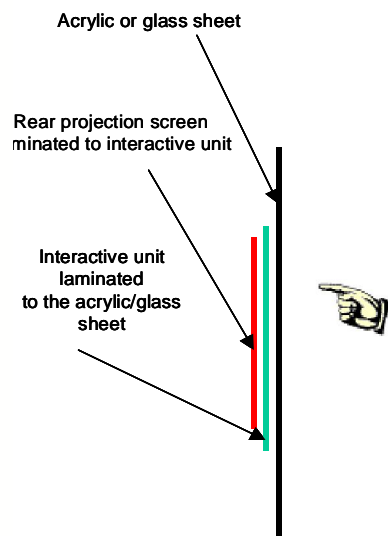
* Double Glazing - In this mode we recommend only touch not the touch and drag function. The drag functionality is limited due to the reduction of the scan rate to achieve the touch function through thicker materials Due to the variation in double construction glass Visual Planet recommend testing with a foil during the survey of each individual site since it is impossible to guarantee the foil will function in all cases.



** USB to RS 232 Adapter
All specifications are subject to change without notification

Product construction

ViP Interactive Foil used as an Information Point



ViP Interactive Foil Through Window

