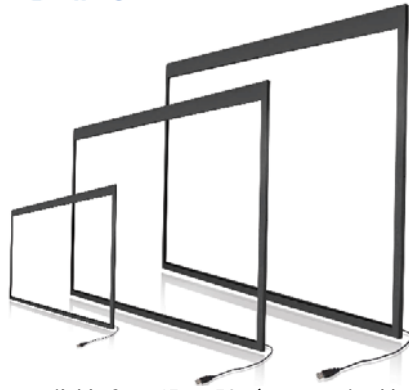




SPECIFICATION SHEET

SmartSurface Overlay SmartFrame

Optical imaging gesture recognition frame



standard sizes available from 15" to 52" (& customized larger sizes)

An overlay frame panel with or without glass that can be easily fitted onto an existing screen and connected through a USB to an existing computer to render the screen multitouch capable.

- Highly accurate with no response delay
- Maintains high image clarity for the LCD or plasma screen behind
- Multitouch capabilities, enabling direct hands-on user interface and control for operations such as zooming, rotating, dragging, browsing, etc.

Software & Environment:

- OS: MS Windows 7, Vista, and XP
- Singletouch compatible under any environment
- Plugin available to enable pointer control on Windows XP and Vista
- Software Development Kit (SDK) for in-house multitouch applications development with low-level languages (C#)
- Multitouch application development with toolset and sample source code for TUIO in .NET for visual studio 08 and AS3
- COMING SOON (mid 2010): Support for Windows 7 multitouch applications

Applications:

SmartSurface Suite 1.0 (Internet browsing, multi-media, picture & video viewer, file browser, games etc.)

Turn an existing dull screen into a **SMART, interactive, multitouch-recognizing tool**



SmartFrame fixed onto an LCD screen

(Also available as an *All-In-One SmartScreen* solution of integrated SmartFrame, PC, and LCD or Plasma Screen with multitouch capabilities)

Suggested Industrial and Commercial Uses:

- Interactive whiteboard for shop fronts, conferences, education and so on
- Exhibitions and interactive advertising
- Interactive kiosks & directory boards
- Entertainment, gaming, & art centers
- Developers & multitouch application programmers

Technical Data:

Size:	Standard: 15" to 52", and customized sizes
Touch Accuracy:	±1.5mm over 90% of the touch sensitive area
Touch Resolution:	USB reported touch resolution 32767 x 32767
Response Speed:	≤16ms
Input Method:	Finger, gloved hand, or any other pointer
Touch durability:	Unlimited
Sampling rate:	60ppi/sec
Activation Force:	No pressure required
Minimum Touch:	2mm
Surface:	None (direct LCD screen) or glass
Light Transmission:	≥92%, up to 100% (without glass)
Temperature:	Operating: 0° C - 55° C Storage: -25° C - 85° C
Relative Humidity:	Operating : 10% to 90% RH(non-condensing) Storage : 10% to 90% RH(non-condensing)
Usage & Durability:	Outdoor/Indoor (all weather), spill resistant
Power Supply:	USB Interface,300mA, operating current<500mA
Interface:	USB2.0 (full-speed)
Material:	Coated Aluminum

All values listed here are subject to change by Smart Surface Sdn. Bhd. without prior notice

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