



[promultis]

insert



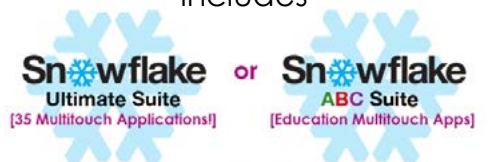
- Lacquer Coated aluminium frame
- Utilising LED backlit LCD HD or 4K UHD screen
- IR or Projective Capacitive touch technology
- Optional PC integration
- Integrated discreet housing for PC & cabling
- Integrated usb connections



Promultis can create bespoke multiuser collaborative content for the table

[click here](#) for website examples

includes



Alternative software option



The Promultis insert provides a pre-packaged multitouch solution that can be incorporated into your own designed facility, be it a table, cabinet or vertical installation



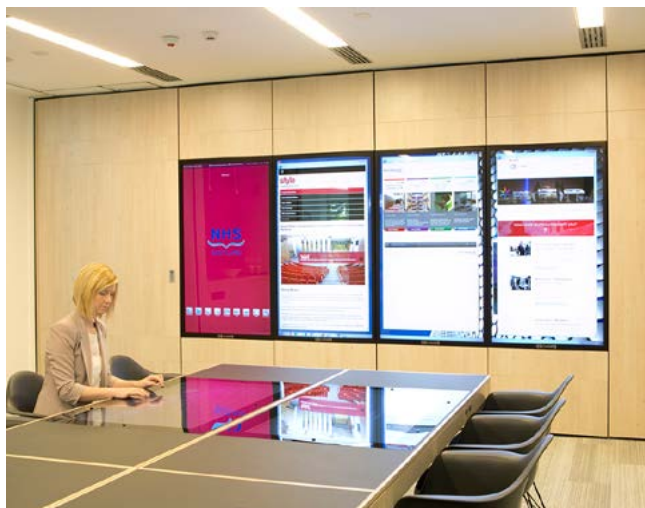
[promultis] insert

For more exciting multitouch products visit
www.promultis.info
or call +44 (0) 239 251 2794

Multitouch technology – your way

The ProMultis Insert provides a pre-packaged multitouch solution that can be incorporated into your own designed facility, be it a table, cabinet or vertical installation.

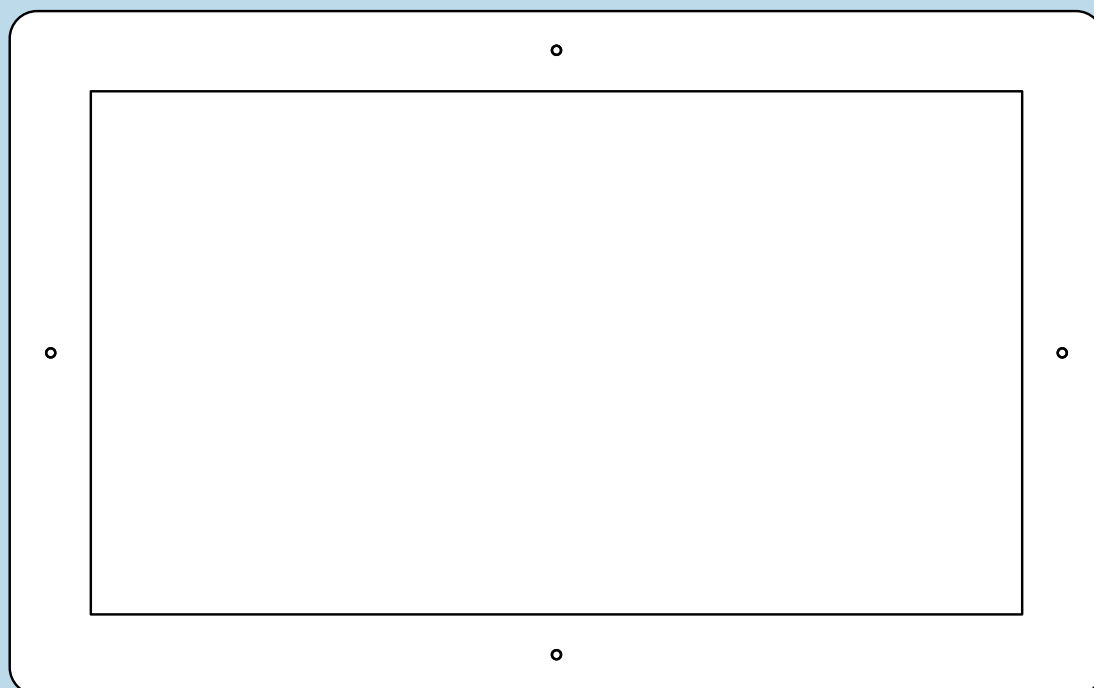
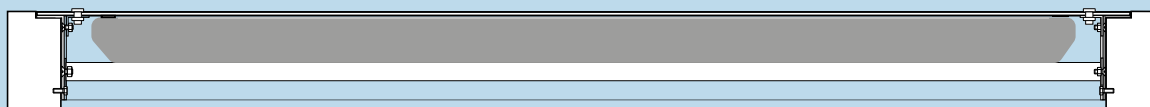
It can be supplied with a PC similar to our other products and can be glass-topped to provide a smooth seamless surface.



Integrates seamlessly into any environment

Incorporating a full 1080p HD or 4K UHD LED commercial screen and multitouch technology and heavy duty aluminium casing, the Promultis Insert is an all in one solution.

Providing a discreet PC housing and cable management, it couldn't be simpler to create your own multitouch product using the Promultis Insert.



Touch Technology

INFRA RED TOUCH TECHNOLOGY

Touch Points	12 & 32
Touch sensitive to	Finger, Opaque object, Stylus
Sunlight Sensitivity	Can be used in direct sunlight
Interpolation	32,768x32,768
Response time	Repeated touch <6ms
Drift	None
Temperature	-20°C~60°C
Accuracy	±2mm
Interface	USB-2
Relative Humidity	10%~90%RH
Supported OS	Windows, MAC, Linux, Android

PROJECTIVE CAPACITIVE TOUCH TECHNOLOGY

Detection method	Projected Capacitive Technology
Input method	Finger and gloved finger
Number of simultaneous touches	100
Noise Shielding	DISPLAX XTR-Shield™ Plus, a proprietary noise filtering technology
Aspect ratio	16:9
Controller	Printed circuit board with mini USB connector
Adhesive	Permanent
Substrate	Float Glass, Gorilla Glass
Interface	HID
OS with multitouch	Windows 8.1, 8, 7*: Ubuntu 12.04**, Android**, Chrome OS***
OS with single touch	Mac OS X Yosemite
OS with mouse emulation	Spinetix Media Player HMP 200
Data connectivity	USB 2.0
Touch accuracy	1mm absolute
Sensor weight	260 g
Controller weight	60 g

PERFORMANCE

Substrate thickness	Up to 6mm
Touch response	5 milliseconds
Calibration	Available using control panel: no drift

POWER CONSUMPTION

Average power consumption (P)	USB powered @ 5V
	Peak consumption: 410 mA
	Operation consumption: 370mA

* Home Premium SP1; Professional SP1 Ultimate x64 SP1

** Depending on kernel and multitouch support.

*** 39.0.2171.85(64 bit)

Specification

CHASSIS FEATURES

Materials	Aluminum
Colour	White (custom colours available with quantity)
PC Cage Dimensions	400mm (w) x 400mm (l) x 101mm (h)
Ruggedness	Case stiffened for robust touch use and screen mounting

SCREEN

Diagonal Size	42" 48" 55" 65" 75"
Glass type	Toughened full transmittivity
Panel resolution (pixels)	920 x 1080 (HD) or 3840 x 2160 (UHD 4K)
Brightness (nits)	450
Contrast ratio	1500 to 1
Response time	6ms
Aspect ratio	16x9
Display colours	1.07B
LCD Illumination	Backlit LED
Pixel pitch	0.744 (mm)
Viewing angle	horizontal / vertical 178° / 178°

CONNECTIVITY

Video input (analogue)	D-sub, Component, Composite
Video input (digital)	HDMI, DVI
Video output (analogue)	D-sub VGA
Audio input	HDMI, DVI, RS458
Speaker output	6 Ohm
USB (for touch)	USB-B
Communication input port RS485	RS485
Communication output port RS485	RS485
MTBF	40,000 hours
Power consumption	< 250 watts
Power consumption sleep mode	< 0.75 watts
MTBF	840,000 hours
Speakers	80mm dia 20watts
Green approvals	Lead free, RoHS compliant
Regulatory approvals	CE / FCC

SHIPPED WITH

USB cable	1.7 metres
HDMI cable	1.7 metres
VGA cable	1.4 metres
Power cable	1.7 metres
Audio cable	1.7 metres
Remote control + batteries	Included
Screen freeze function	On remote control

SERVICE AND WARRANTY

3 year repair or replace warranty as standard
Extended warranties and SLA's available at an additional cost

