

Integrated Touch Screen

Integrated LCD Optical Touch Screen incorporates NextWindow's latest 2150 passive-border technology and NEC's commercial LCD panels. The fully integrated model delivers exceptional clarity, low power consumption and improved resistance to environmental conditions are advantages you can expect from NextWindow & NEC.

Touch technology offers users an alternative method of interacting with computers in a more effective and intuitive way to access information.



Features

- Calibration: once-only, four-points with no drift
- USB plug-and-play: one cable for power and communications
- Orientation: landscape or portrait
- Clear glass: maximum clarity
- Light touch: no pressure required
- Any touch: finger, gloved hand or pointer
- Fully enabled for Multi-Touch functionality
- Digitizer support
- Vista 32 & 64 Bit ready
- Mac OS X - Digitiser mode only*
- Linux - Mouse mode only*

* Mac OS X and Linux requires a Windows PC to run configuration utility. Mac OS X requires a PC for initial calibration

Sizes

- 40", 46" & 52"

Colours

- Standard units come in Black to match existing accessories

Applications

Interactive displays in Retail environment enrich the shopping experience by allowing customers to search quickly & easily for information.

Directory & Wayfinders in buildings or shopping centres, Museum interactive exhibitions, Kiosks, Showrooms, Retail outlets, Offices, Boardrooms & Foyers.

Integrated Touch Screen

Model P401-INT / P461-INT / P521-INT

Available size	40", 46" & 52"
Glass	4mm or 6mm tempered glass (recommended)
Bezel colour	Standard black anodised, other colours available on request
Construction	Aluminium, zinc, acrylic, annealed polycarbonate, PVC, FR4 fibre-glass printed circuit boards and tempered glass
Luminous transmission	>92% with clear glass
Touch technology	NextWindow Optical Imaging (no special surface coatings)
Touch method	Touch method Finger, gloved hand or any other pointer. Stylus minimum diameter 3.7 mm
Touch activation force	No pressure required
Touch accuracy	± 2 mm (for 40" screen) over 90% of the touch sensitive area, USB reported touch resolution 32767 x 32767
Touch durability	Unlimited
Touch response time	Typically 110 touches per second (9 ms) for single touch with no ambient synchronisation
Environment	Temperature: operating: 0°C to 55°C, storage: -25°C to 85°C Humidity: operating: 10% to 90% RH, non-condensating, storage: 10% to 90% RH, non-condensating
Power supply	USB from powered hub, enumeration requests 350mA
Reporting speed	10 ms per coordinate set (max), typical 15 ms (66 updates per second)
Calibration	Four-point driverless calibration (requires no software), automatic landscape/portrait orientation detection, optional external calibration button (required for Mac OS)
ESD	Per EN 61000-4-2 1995: Level 4, contact discharge 8 kV, air discharge 15 kV on USB connector pins
EMC	EN55022, EN55024, CISPR 22, CISPR 24
Interface	USB 1.1 (full speed), HID compliant, plug-and-play compatible
Operating systems	Windows XP, 2000, Vista, Mac OS, Linux (requires drivers)
Connection options	Standard: Wire loom with USB Series A receptacle for power and communications, separate connector for serial communications and external calibration button.
Software	No software required, works with Windows native HID mouse driver
Warranty	1 year parts and labour

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