



OV6520 Touch Overlay for NEC6520

The OV6520 uses an advanced optical touch technology for highest performance and user experience. Exceptional clarity of image, fast response time and high accuracy over the whole visible touch area are among the features of this device.

Expect the convenience of traditional touch functions (point-and-click, drag-and-drop) and the flexibility of multi-touch gestures. Your operating system (MS Windows and MacOS) will recognize the device as a regular input device, so there is no need to install any drivers. Furthermore Windows Vista will recognize it as a pen device so users will have the added advantage of Vista's built in handwriting recognition and other pen device features.

Features:

- Clear glass: maximum clarity
- Light touch: no pressure required
- Any touch: finger, gloved hand or pointer
- Multi-touch ready
- Calibration: once-only, four-points with no drift
- USB plug-and-play: one cable for power and communications
- HID compliant driverless installation

Specifications

Dimensions	1580x952x78mm
Glass	5mm tempered glass
Bezel colour	Standard black (RAL9005) powder coated, other colours on request
Construction	Aluminium, zinc, acrylic, annealed polycarbonate, PV C, FR4 fibreglass printed circuit boards and tempered glass
Luminous transmission	>92%
Touch technology	Optical Imaging—no special surface coatings
Touch method	Finger, gloved hand, or any other pointer
Touch activation force	No pressure required
Touch accuracy	± 3 mm 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)
Software	No software required. Works with Windows native HID mouse driver.
Weight	Appr. 18kg
Warranty	3 year return-to-base