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Touch Overlays

The ID-OV-X series use 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 7 will recognize it as a touch device so users will have the added advantage of the built in handwriting recognition and other pen device features. You also have the possibility to use the new Windows 7 multi-touch gestures.

Features:

- Available in sizes from 32" to 65"
- Easy installation on the display
- Clear glass: maximum clarity (optionally without glass)
- Light touch: no pressure required
- Any touch: finger, gloved hand or pointer
- Dual-Touch
- Calibration: once-only, four-points with no drift
- USB plug-and-play: one cable for power and communications
- HID compliant driverless installation

The Touch-Overlay transforms every plasma or LCD display, beamer projection screen or static picture into a touch sensitive surface.

The construction of the Overlays is easy and robust. The Overlays consist of a frame which contains the electronics and an optional glass panel which protects the display. The frame will be simply installed on the display and connected with the computer. Without installation of driver software you can use the computer with the finger immediately.

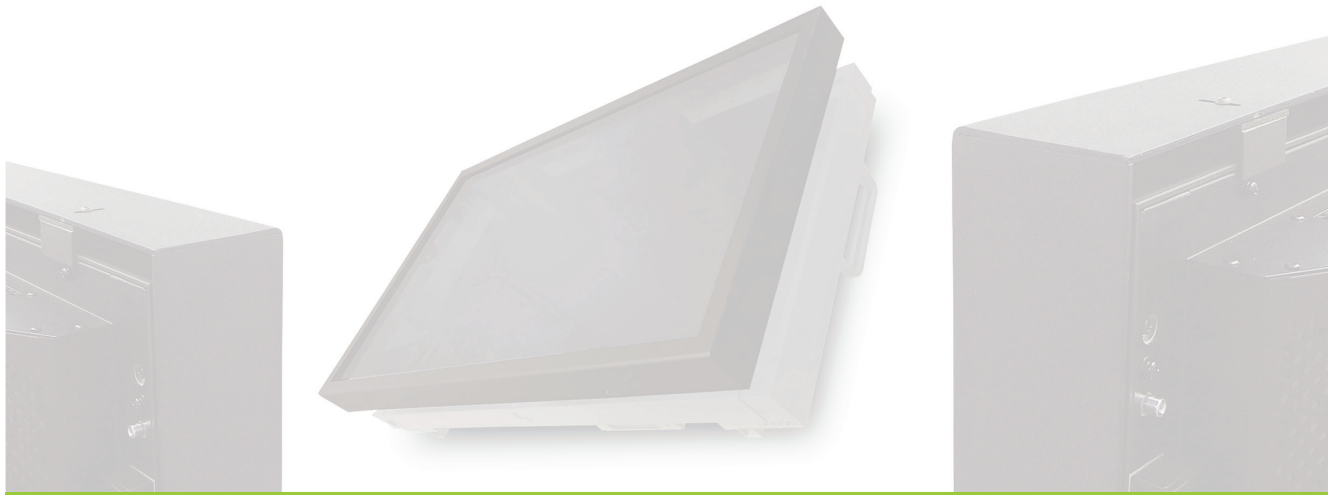
Benefits:

- Available displays can be used. Furthermore you can choose from a big number of available displays the most qualified.
- Regular touchscreens mostly respond if you "really" press. Our Overlays already respond 1 mm before you touch the surface.
- Touches are registered very precisely, even if the user, e.g. wear a glove or taps very soft.
- Scratches on the glass or window surface do not affect the touch sensitivity.
- Available from 32" to 103"
- 4-point calibration, without drift
- No driver installation required
- More than 4.000.000 touch-points

Touch-Overlays are the perfect solution for almost all areas. Below you find some examples of possible application:

- Tradeshows and exhibitions
- Digital Signage
- Interactive advertising space
- Presentation surfaces in conference rooms
- Info-Terminals e.g. for bus/train or museums
- Check-In Service
- Online-inspections of real estate
- Orientation system
- Training rooms

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Specifications

Dimensions	Available in sizes from 32" to 65"
Glass	4-6mm tempered glass
Bezel colour	Standard 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
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. 12kg
Warranty	2 year return-to-base