



## 103" Touch Overlay

The 103" Touch-Overlay uses optical imaging touch technology to achieve unprecedented accuracy, speed and easy of use to touch enable large displays or projection screens. This allows companies to develop highly effective tools for teaching and presentation in classroom, conference or boardroom environments.

You can operate writing, drawing and presentation software simply by moving your finger across the screen. All standard mouse functions are supported—click, right-click, double-click and drag. You can draw, write, move/edit objects and scroll through menus.

You can use any software, such as a spreadsheet or animation, and operate the program by touching the screen. In addition, high-quality, specialised interactive whiteboard applications are readily available.

- Touch-controlled mouse functionality over the whole screen.
- Light touch—no pressure required.
- Any touch method can be used—finger, gloved hand or pointer.
- Front or rear projection.
- Plug-and-play USB connection.

The 103" Touch-Overlay includes the following components:

- Touch frame
- USB cable
- Power supply unit
- Instructions
- Multitouch demo software and API

| 103" Touch-Overlay     |   |
|------------------------|---|
| Dimensions             | 2450 x 1458 x 80mm  |
| Bezel colour           | Black powder-coated   |
| Frame construction     | Welded aluminium  |
| Luminous transmission  | 100%  |
| 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         | ± 5 mm  |
| Touch durability       | Unlimited   |
| Touch response time    | Typically 71 touches per second (14 ms) for single touch with no ambient synchronisation  |
| Environment            | Temperature<br>Operating: 0°C to 55°C<br>Storage: -25°C to 85°C<br>Humidity<br>Operating: 10% to 90% RH, non-condensating<br>Storage: 10% to 90% RH, non-condensating |
| Power supply           | +12 VDC   |
| Reporting speed        | 10 ms per coordinate set (max) Typical 15 ms (66 updates per second)  |
| Calibration            | Simple four-point driverless calibration. (Requires no software) Automatic landscape/portrait orientation detection   |
| ESD                    | Per EN 6100-4-2 1995: Level 4. Contact discharge 8 kV, air discharge 15 kV on USB connector pins  |
| Interface              | USB 1.1 (full speed), HID compliant, plug-and-play compatible   |
| Operating systems      | Windows XP, Mac OS, Win 2000, Linux.  |
| Software               | No software required. Works with Windows native HID mouse driver.   |
| Weight                 | 8 kg (approx.)  |
| Warranty               | 2 years parts and labour  |