



Z/I Mouse

The Z/I Mouse, a high-precision, 3D mouse, simplifies digitizing data and capture of stereo data for input in photogrammetric processes. The Z/I Mouse provides photogrammetrists with an easy-to-use and precise manner to input data without the need for a digitizing surface since digitizing technology is incorporated throughout the entire mouse design. Using accelerated data input capabilities, users increase efficiencies in operations while eliminating repeated clutch motions – reducing some of the tedious work associated with current digitizing processes.

The Z/I Mouse represents an industry first with its innovative features, such as force-sticks for X, Y, and Z movement; optical mouse movement; and thumb wheel for fine Z movement along with fully programmable keys to add digitizing flexibility. The mouse is a USB device and plugs directly into a USB port.

With the new Z/I Mouse, the need for a large digitizing surface is eliminated as well as the need to “clutch and move,” which was previously necessary on input devices without a digitizing table. Users can sit still if they prefer and digitize using their thumbs for movement in X, Y, and Z axes. The thumb wheel adds an extra level of confidence in the user’s measurement in Z. Rather than just relying upon the force stick to do the work, the user can “touch up” fine movement in Z.

Highlights

- Advanced ergonomic design enables streamlined motion to speed data input and increase user productivity
- Use of optical mouse technology provides an easy-to-use, accurate way to input data without the need for a digitizing surface
- X, Y movement capability without having to move and clutch; users can sit still if they prefer and digitize using their thumbs for movement in the axes
- Use of solid state switches and few mechanical parts to become dirty or malfunction means less maintenance over time
- 15 fully programmable buttons for maximum digitizing flexibility
- Replaces both the ImageStation® Hand-held Controller (HHC) and Immersion Mouse

Key Features

- Use of infrared optics eliminates the need for a digitizing surface
- X, Y, and Z movement can be controlled using force sticks
- Thumb wheel for fine height adjustment adds an extra level of confidence in the user’s measurement in Z; user can “touch up” fine movement in Z
- Industry-first, 3D input device to combine force stick technology with optical mouse and thumb wheel
- USB device – simply plug and play with ImageStation products

System Requirements

Software prerequisites:

- ImageStation (or SSK) Release 2004A at a minimum
- Compatible with Windows 2000 and Win XP

Hardware Prerequisites:

- Windows Workstation with WIN 2000 or WIN XP
- USB port version 1.1 or later



Intergraph’s Z/I Mouse provides photogrammetrists with an easy-to-use and precise manner to input data without the need for a digitizing surface.

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