softmouse 3D™

Softmouse 3D - USB

Smooth, lightweight, and accurate, the Softmouse 3D photogrammetric controller offers unparalleled ease of integration and comfortable two-handed operation in photogrammetric systems for GIS and mapping applications, strategic military planning, and many other 3D applications requiring a precise manipulation of elements in a 3D virtual environment.

CERTIFIED USB

Compatible with Windows 7

Designed for Microsoft® Windows®XP, Windows®XP x64 Edition

Enhanced user experience

The Softmouse 3D – USB preserves the ergonomic design and optimal features of the original SoftMouse appreciated by a large number users all over the world. This new version builds on top of that a number of enhancements requested by both users and software developers.

The ubiquitous USB interface makes the integration into photogrammetric systems quick, easy, and seamless for the end user as well as the software developer.

Softmouse 3D is supported by all major brands of photogrammetry software.

Designed for high-use environments

The relatively small and lightweight two-handed Softmouse 3D device is preferred by users who work for long hours every day in photogrammetric systems. Its large buttons and ergonomic design reduce hand fatigue and operator-induced input errors.

With the Softmouse 3D control device, developers can easily create streamlined operations that support inputting data in highly intensive shift-work environments.

End users can quickly customize the software operation mapping software control functions to the many buttons available.

Efficient data input

The new Softmouse 3D – USB handles all button input digitally. Through the software, the buttons can be programmed for functions as single keys or key combinations (for example, reserving the two white buttons as shift functions, as it was with the original SoftMouse).

For compatibility with the legacy software, Softmouse 3D – USB includes a virtual serial port emulator that transmits the mouse movements and button events in the original data format.

Index buttons
At the tips of the index fingers.

Function buttons
Work with the shift keys to produce up to 16 unique key combinations.

Laser navigation
1600 counts per inch for smooth, accurate X,Y positioning.

Shift buttons
Can be used alone or in combination with any of the remaining buttons.

Thumb buttons
Conveniently located at the tips of the thumbs.

Thumbwheel
Allows precise control of Z-axis positioning.

Specifications

Ordering part number: GGS-SM3D-U-KIT

INCLUDED IN THE PACKAGE:
• Softmouse 3D – USB device
• Teflon® treated mouse pad
• CD with software and user manual
• Quick installation guide

CONTROLS:
• One thumbwheel for Z-axis positioning
• Four side buttons (two front and two back)
• Six color-coded top buttons

RESOLUTION:
• X,Y movement – 400 to 1600 CPI
• Z control thumbwheel – 1200 counts per revolution

CERTIFICATIONS:
USB-IF certified
FCC Part 15B & EN 55022:2006 + A1 :2007, and Class B

WARRANTY:
One-year limited to parts and labor, excluding normal wear and tear

New features in Softmouse 3D – USB

• High-precision X,Y laser navigation. X,Y resolution adjustable to 400, 800, 1200 or 1600 counts per inch

• High-resolution Z control at 1200 counts per revolution

• Soft-acting force, high-reliability buttons

• Smooth silicone top and rear button caps

• 6 feet of USB cable with strain relief

• Virtual serial port emulation for legacy software support

• New direct USB data interface available

• Software Development Kit available to software developers

• Supports Windows 7 and XP in 32 and 64 bits

• Has been tested with the following applications[*]: ImageStation™, KLT Atlas™,
PurVIEW™, Socet GXP™, Socet Set™, Stereo Analyst™, Summit Evolution™, LPS™, Virtuoso™, and others supporting the old Immersion™ mouse.

World-class service and support
The Softmouse 3D – USB system comes with a one-year warranty worldwide.

GGS also provides full overhaul service to the large installed base of SoftMouse classic and interface box.

For updated product specifications, ordering, list of distributors, and product support, please visit: www.softmouse3D.com

About Global Geo Supplies
Founded in 2001, Global Geo Supplies, Inc. (GGS) is a solid and reliable supplier of engineering products for the geospatial market.

GGS has a large worldwide network of distributors, including original software and hardware manufacturers.

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