



evolution MOUSE-TRAK™

Product Description

The ITAC Systems evolution MOUSE-TRAK (eMT) is a state of the art productivity controller for power users and executives alike. By providing comfortable, ergonomic multi-function use with space optimized design, eMT is considered to be the most versatile and functional pointing and control device on the market today. Whether used on a desk top or a confined function work area (e.g., pod stand), the eMT stands out as a space saving high performance tool for the busiest computer control environments.

At only half the size of a typical mouse pad's footprint, the eMT's rounded design provides a hand rest with 6 pre-configured keys to perform the most common mouse functions, along with additional productivity enhancing features. All 6 keys can be easily reconfigured to accommodate user's needs. eMT is especially attractive for space challenged environments or where maximum functionality, customizable configurations, speed, and ergonomics are important considerations.



Product Features

- High Speed, High Precision with both Scrolling and Non-Scrolling versions
- Real Time Dynamic Resolution in scroll mode for incredible speed and precision.
- Elevated hand support helps reduce the risk of Repetitive Stress Injuries (RSI)
- Six large keys positioned ergonomically to fall under the fingers.
- All 6 keys are user configurable for standard mouse button operations without the need for drivers or software.
- Left/Right Click, Double-Click, Click and Drag, Speed, Audio and Scroll Toggles without complicated driver installations.
- Ambidextrous and can be configured for left or right handed users.
- Reliable stainless steel mechanism.

Market Applications

- Desktop
- CAD and Workstation
- Medical
- Geospatial
- Aeronautics
- Communications & Call Centers

Model	X-6XUSB-XROHS	X-SCROL-XROHS	X-6XXMP-XROHS
Interface	USB	USB Scrolling	PS2/Mouseport



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Product Details:



Unit Exterior

Case is textured ABS plastic

Outer casing is UL 94HB Flame Class Rated (3)

Trackball is cast phenolic resin

Hand rest pad is Grade 5800 flexible PVC

Unit Interior

Shafts and ball bearings are 440 Hardened Stainless Steel RC 50-55

Entirely RoHS Compliant

Conformal coated PCB resistant to liquids, moisture and dust.

Switches rated at 1,000,000 minimum actuations





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Product Specifications:

Functional	
Resolution	160 counts per full Revolution
Input Switches	6
Buttons	Left Key
	Right Key
	Middle Key
Scroll toggle on scrolling units.	Speed Toggle/*Scroll Toggle
	Double Click
	Click and Drag
Available Interfaces	USB, PS/2 Mouseport
OS Compatibility	Windows 98, 2000, 2003, XP, 7 Linux supporting USB Devices MacOS ver 8 and above
Cable Length	60 inches (1.5 meters)
Power Consumption	(TBD)

Options/Accessories	
None	N/A

Compliance	
1	RoHS
2	FCC Part 15
3	EU DoC

Environmental	
Operating Temp	-25°C to +65°C Minimum
Storage Temp	-25°C to +85°C Minimum
Humidity	45% to 85% (5° to 35°C)

Mechanical	
Dimensions	Length: 7.87 inches (200mm) Width: 4.50 inches (114.3mm) Height: 2.30 inches (60.3mm)
Weight	15.8 oz (448 grams)
Body Material	ABS Plastic
Ball Material	Cast Phenolic Resin
Ball Hardness	Rockwell H85
Ball Load	25 lbs (11.3 Kilograms)
Handpad	3.2" x 2.6" flexible PVC
Ball Speed	Operator controlled

INTERFACE	MODEL NUMBER	FEATURES
USB	X-6XUSB-XROHS	Reference
USB	X-SCROL-XROHS	Scrolling
PS/2, MOUSEPORT	X-6XXMP-XROHS	Reference PS/2

Interface	USB
Connector	4-pin USB A
Pin Assignments	Pin 1 = +5 VDC Pin 2 = Data - Pin 3 = Data + Pin 4 = Ground



Interface	PS/2 Mouseport
Connector	6-pin Mini-Din Male
Pin Assignments	Pin 1 = PS/2 Data (DAT) Pin 2 = No Connect Pin 3 = Signal Ground (GND) Pin 4 = +5V DC Pin 5 = PS/2 Clock (CLK) Pin 6 = No Connect





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Drawings and Diagrams:

