



## 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<br>Linux supporting USB Devices<br>MacOS ver 8 and above |
| Cable Length                      | 60 inches (1.5 meters)   |
| Power Consumption                 | (TBD)  |

| Options/Accessories |     |
|---------------------|-----|
| None                | N/A |

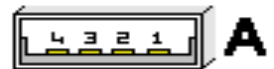
| Compliance |             |
|------------|-------------|
| 1          | RoHS        |
| 2          | FCC Part 15 |
| 3          | EU DoC      |

| 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)<br>Width: 4.50 inches (114.3mm)<br>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<br>Pin 2 = Data -<br>Pin 3 = Data +<br>Pin 4 = Ground |



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





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**Drawings and Diagrams:**

