

## **1.INTRODUCTION:**

This specification defines the functional and performance of the SEJIN PS/2 Mouse.

## **2.PHYSICAL CHARACTERISTICS AND: CONFIGURATION**

2-1 Mechanical performance:

2-1-1 Operating force of select switches of Mouse:  $75 \pm 20$ gf.

2-1-2 The weight :  $150 \pm 15$ g.

2-1-3 Roller rotate force :  $25 \pm 15$ gf-cm.

2-1-4 Roller,s switch force:  $200 \pm 60$ gf.

2-1-5 Cable length : PS/2 6ft Connector.

## **3.MAXIMUM OPERATING CONDITIONS.**

3-1 Operating temperature and humidity.

Temperature :  $0^{\circ}\text{C}$  to  $45^{\circ}\text{C}$

Humidity : 10% to 80% RH

3-2 Storage temperature and humidity

Temperature :  $-20^{\circ}\text{C}$  to  $60^{\circ}\text{C}$

Humidity : 10% to 90% RH

## **4.ELECTRICAL SPECIFICATION:**

4-1 Microsoft PS/2Mouse Compatible.

4-2 Supply voltage :  $\text{DC}5\text{V} \pm 10\%$

4-3 Supply current : 25mA (max)

## **5.PERFORMANE TEST:**

5-1 Test conditions

5-1-1 Standard test condition.

The tests shall be carried at temperature of  $20 \pm 5^{\circ}\text{C}$  and the relative humidity of  $65 \pm 10\%$

5-2 Performance spec.

5-2-1 Resolution: 400Dpi

5-2-2 Tracking Speed : 250mm/sec.

## **6.RELIABILITY TEST:**

### 6-1 Mouse life test

Load : 100gf vertical force

Speed : 200 ± 40 mm/sec

Travel : 500Km in any direction.

### 6-2 Switch life test

Switching speed : 2cycle/sec.

Operating force : 80 ± 20gf

Operating cycles : 3,000,000 cycle

## **7.SEJIN PS/2 MOUSE INSTALLATION**

- Turn the power supply off to your computer.
- Check the AUX port (PS/2 Mouse port) at the back of your computer and insert The connector at the end of the mouse cable into the AUX port.
- Turn the power supply on to your computer.
- Answer the online questions in the wizard on your screen.

## **8.CAUTION**

The mouse is mechanically very sensitive product. It should be handled With care. Be sure not to damage it by throwing or dropping.