

## P2301B Optical Mouse Technical Specification

- 1、 Keys: Three Buttons, One 360° wheel
- 2、 Key Stroke life time:
  - Left /right  $\geq 1,000,000$  Cycles
  - Middle keys  $\geq 100,000$  Cycles
  - Wheel switch  $\geq 100,000$  Cycles
- 3、 Contact method : Micro switch/wheel switch
- 4、 Movement detect mode: Optical sensor(Angilent)
- 5、 Report rate: 80 reports/s
- 6、 Resolution: 800 DPI
- 7、 Security Code: 2048 different security code
- 8、 RF Transmission mode(Test Conditions:Vcc=3.0V):
  - FSK RF Transmission  $27.145\text{MHz} \pm 2.5\text{KHz}$
- 9、 Channel bandwidth 50KHz
- 10、 Modulation Deviation  $3.0\text{KHz} \leq \Delta f \leq 6.5\text{KHz}$
- 11、 Tx Emission Level:  $60\text{dBuV/m} \leq E_{3m} \leq 80\text{dBuV/m}$  at 3m
- 12、 Batteries 2 x AAA Size
- 13、 Operating Distance:  $\geq 1.5\text{m}$  in normal environment
- 14、 Power consumption(Test Conditions:Vcc=3.0V):
  - $\leq 60\text{mA}$  (Active)  $\leq 1.5\text{mA}$  (After 18minute)
- 15、 Battery life:  $\geq 15$  hours at Active mode with Alkaline Batter
- 16、 Low battery Annunciator:  $2.4\text{V} \pm 5\%$
- 17、 System Requirement:
  - Win95/Win98/WinNT /WinMe/WinXP/Win2000 (Driver required in Win95/WinNT)
- 18、 Mechanical Dimension:
  - L:123mm W:65mm H:39mm
- 19、 Plastic Material : ABS
- 20、 Net weight: 76.5g
- 21、 Storage temperature:  $-40^{\circ}\text{C} \sim 55^{\circ}\text{C}$
- 22、 Working temperature:  $0^{\circ}\text{C} \sim 40^{\circ}\text{C}$
- 23、 Operating humidity: 40%~90%