

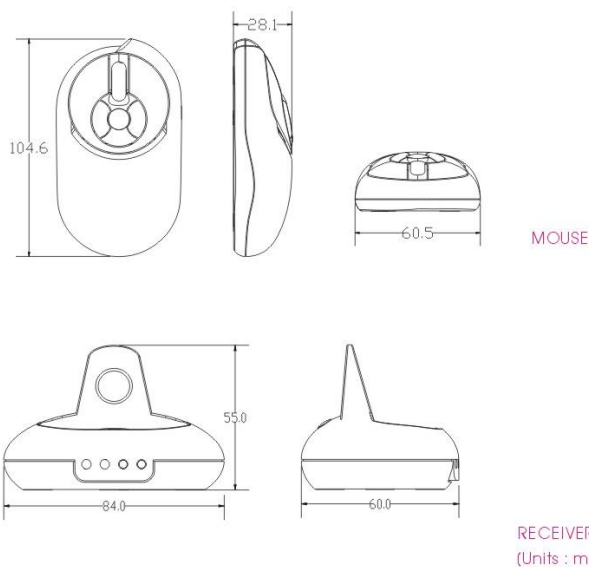
# M63WC Wireless Optical Mouse

## SPECIFICATIONS

### Part 1.0: General Features

- Totally Wireless freedom
- 27MHz digital radio technology
- 1 channel 256 ID to avoid interference ( 2 CH 512 ID optional)
- 800 DPI Optical precision
- 3 level power saving mode for mouse
- Mouse come with 3 programmable buttons
- Rechargeable function for mouse
- Mouse charge from to USB Port or AC/DC Adapter optional
- Low battery indicator

### Part 2.0: Physical characteristics



Frequency: Mouse :27.045 MHz  
27.195 Mhz for 2 channels  
ID numbers: 256 random ID per channel  
Resolutions: 800 DPI  
Sensor Tracking Speed: 14 inches/ Second

### Battery

Battery type: two AAA 600mAh Ni-MH for mouse  
Battery consumption: (@2.4v , White paper)  
Mouse: Operating Mode:  $\leq 35$  mA  
Sleep Mode 1:  $\leq 6.5$  mA  
Sleep Mode 2:  $\leq 0.5$  mA  
Low battery indicator active: 2.1V

### Part 4.0: Reliability

Mouse Button Switch Activation: 1,000,000 cycle  
Scroll Wheel encoder Activation: 100,000 cycle  
Operating temperature: -5 - 40 degrees celsius  
Operating humidity: 20% - 90%

### Part 5.0 System Requirement

Windows 98, Windows 98SE, Windows 2000, or  
Windows xp. Windows ME.  
Macintosh OS 8.6 or higher

### Mechanical Performance

|                                     |                 |
|-------------------------------------|-----------------|
| Operating force of mouse buttons    | $60 \pm 10$ gf  |
| Operating force of Browser switches | $170 \pm 25$ gf |
| Operating force of wheel scrolling  | $20 \pm 10$ gf  |
| Operating force of ID buttons       | $100 \pm 15$ gf |

### Buttons

Mouse : 5 buttons with scrolling wheel,  
1 connect button

Receiver : 1 connect button

### Weight:

Mouse:  $80 \pm 10$  g (battery included)

Receiver:  $80 \pm 10$ g

### Part 3.0: Electrical Specification

Interface : USB 1.1 or PS/2  
Sensor report rate on mouse: 2300 times per second  
Operation angle: 360 degrees  
Operation distance: Mouse 1.2 meter  
Sensor light on mouse: Red  
Receiver power requirement: 5V DC from USB port

REV: 1.0

### Note:

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

### Caution:

The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user authority to operate the equipment.