

# SM335AG RF2.4GHz Optical Mouse

## SPECIFICATIONS

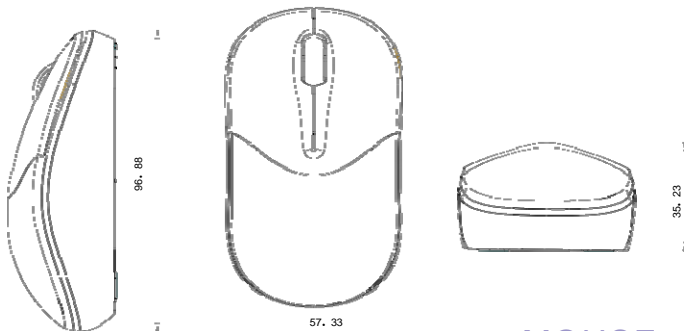
### Part 1.0: General Features

- Middle size, best for notebook users or kids
- Wireless freedom
- 2.4GHz GFSK autolink technology
- 64 two way R F channels
- 6~10 meter operation range
- Optical tracking engine, no moving parts
- 1200 DPI optical precision selectable
- 3 standard buttons for mouse
- 3 level power saving mode
- Nano receiver on mouse

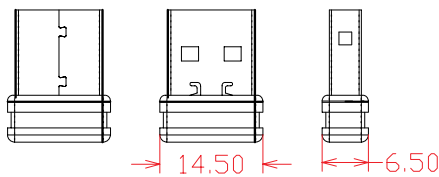
### Part 2.0: Physical characteristics



SM-335AG



MOUSE



RECEIVER

### Mechanical Performance

Operating force of mouse buttons	120±20gf
Operating force of Browser switches	170±25gf
Operating force of wheel scrolling	20±10gf

### Buttons:

Mouse : 3 buttons with scrolling wheel

### Weight:

Mouse: 50±10 g (battery included)

Receiver: 2±1 g

### Part 3.0: Electrical Specification

Interface : USB 1.1

Sensor report rate on mouse: 3000 times per second

Operation angle: 360 degrees

Operation distance: 6~10 meter for keyboard and mouse

Sensor light on mouse: Red

Receiver power requirement: 5V DC from USB port

R F frequency: 2.4 GHz (2.402~2.481 GHz)  
R F modulation : G F S K auto-link  
Hopping type : FHSS (frequency hopping spread spectrum)

R F channel : 64 channels  
R F bandwidth : 2.0 mHz  
Speed of transmit: 1 M bps  
R F output power : 0 dBm  
Receive of sensitive: -88 dBm  
Resolutions: 1200 DPI  
Sensor Tracking Speed: 30+ inches / Second

### Battery

Battery type: one AA alkline batteries

Battery consumption:

Operating Mode: ≤ 12 mA (working)

Sleep Mode 1: ≤ 0.82 mA

Sleep Mode 2: ≤ 0.66mA

Sleep Mode 3: ≤ 50UA

### Part 4.0: Reliability

Button Switch Activation: 300,000 cycle

Scroll Wheel encoder Activation: 100,000 cycle

Operating temperature: -5 - 40 degrees celsius

Operating humidity: 20% - 90%

### Part 5.0 System Requirement

Windows 2000, or Windows xp. Windows ME,  
Windows VISTA, Windows 7

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.