Microsoft
Wireless
IntelliMouse® Explorer

Top Performance, Total Style in a Wireless Mouse

Microsoft

Technical Data Sheet

Version Information	
Product Name	Microsoft® Wireless IntelliMouse® Explorer
Product Version	Microsoft Wireless IntelliMouse Explorer 2.0a
Mouse Version	Microsoft Wireless IntelliMouse Explorer 2.0a
Receiver Version	Microsoft Wireless IntelliMouse Explorer Receiver 2.0a
Product Dimensions	
Mouse Length	4.98 inches (126 millimeters)
Mouse Width	2.85 inches (72.5 millimeters)
Mouse Depth/Height	1.72 inches (43.8 millimeters)
Mouse Weight	5.29 ounces (150 grams) includes 2 AA alkaline batteries; typical battery weight may vary
Receiver Length	4.40 inches (112 millimeters)
Receiver Width	2.77 inches (70.5 millimeters)
Receiver Depth/Height	1.33 inches (33.7 millimeters)
Receiver Weight	3.60 ounces (102 grams)
Receiver Cable Length	60 inches +6/-0 inches (1524 millimeters + 152/-0 millimeters)
Compatibility and Localization	
Interface	USB and PS/2 compatible
Operating Systems	• Microsoft Windows® 7, Windows Vista®, and Windows XP (excluding Windows XP 64-bit) • Macintosh Mac OS X v10.1-10.2.x (excluding Mac OS X 10.0)
Top-line System Requirements	**For a Microsoft Windows-based PC:** Requires a PC that meets the requirements for and has installed one of these operating systems: • Windows 7, Windows Vista, and Windows XP (excluding Windows XP 64-bit) • 233 MHz or higher processor • 128 MB of RAM • 35 MB of available hard disk space • USB port or PS/2 port • CD drive • Microsoft IntelliPoint software version 7.0 **For a Macintosh PC:** • Macintosh Mac OS X v10.1-10.2.x (excluding Mac OS X 10.0) • 15 MB of available hard disk space • USB port • CD drive • Microsoft IntelliPoint for Mac software version 7.0
Compatibility Logos	• Designed for Microsoft Windows 2000 Professional and Windows XP • Mac logo • Certified USB logo
Software Localization	**For a Microsoft Windows-based PC:** Microsoft IntelliPoint software may be installed in Simplified Chinese, Traditional Chinese, English, French, German, Italian, Japanese, Korean, Brazilian Portuguese, Iberian Portuguese, or Spanish. If available, standard setup will install the software in the default OS language. Otherwise, the English language version will be installed. **For a Macintosh PC:** Microsoft IntelliPoint for Mac will install in English, French, German, Italian, Japanese, Brazilian Portuguese, and Spanish. User settings for OS language preference determine which localized version of the software is displayed. In the event that OS language preferences are not supported, the English language version of IntelliPoint for Mac will be displayed.
Tracking Technology	
Mouse Tracking System	Microsoft-proprietary optical technology
Imaging Rate	Dynamically adaptable to 6000 frames per second
X-Y Resolution	400 points per inch (15.75 points per millimeters)
Tracking Speed	Up to 36 inches (914 millimeters) per second
Wireless Technology	
Wireless Platform	27 MHz Radio Frequency (RF)
Wireless Channels	27.045 MHz channel 0, 27.145 MHz channel 1
Wireless IDs	Over 65,000 random identification codes
Wireless Range	6 feet (1.83 meters) typical. Note: RF range is affected by many factors, such as nearby metallic objects and relative positioning of the mouse and receiver.
Product Feature Performance	
Mouse Button Features	5 buttons including scroll wheel button
Right & Left Button Life	1,000,000 actuations at no more than 4 actuations per second
Back & Forward Button Life	1,000,000 actuations at no more than 4 actuations per second
Wheel Button Life	350,000 actuations at no more than 4 actuations per second
Mouse Scrolling Features	Tilt wheel enables vertical and horizontal scrolling
Wheel Vertical Scrolling Life	• 100,000 revolutions (away from user) • 100,000 revolutions (towards user)
Wheel Horizontal Scrolling Life	350,000 actuations per side at no more than 4 actuations per second
Storage Temperature & Humidity	-40 °F (-40 °C) to 140 °F (60 °C) at < 5% to 65% relative humidity (non-condensing)
Operating Temperature & Humidity	32 °F (0 °C) to 95 °F (40 °C) at < 5% to 80% relative humidity (non-condensing)
Power Requirements	
Battery Type and Quantity	2 AA alkaline batteries (included)
Battery Life	6 months typical
Certification Information	
Country of Manufacture	People's Republic of China (PRC)
ISO 9001 Qualified Manufacturer	Yes
ISO 14001 Qualified Manufacturer	Yes
Restriction on Hazardous Substances	This device complies with all applicable worldwide regulations and restrictions including, but not limited to: EU directive 2002/95/EC on the Restriction of the Use of Certain Hazardous Substances in Electrical and Electronic Equipment and EU Registration Evaluation and Authorization of Chemicals (REACH) regulation regarding Substances of Very High Concern.
FCC ID	This device complies with part 15 of the FCC Rules and Industry Canada RSS-310. 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. Tested to comply with FCC standards. For home and office use. Model numbers: 1007, Wireless IntelliMouse Explorer 2.0 and 1009, Wireless IntelliMouse Explorer Receiver 2.0. FCC ID: C3K1007.

Certification Information	
Agency and Regulatory Marks	• ACA/MED Declaration of Conformity (Australia and New Zealand) • RSS-310 and ICES-003 report on file (Canada) • CMII Certificate (China) • EIP Pollution Control Mark, EPUP (China) • R&TTE Declaration of Conformity, Safety and EMC (European Union) • WEEE (European Union) • VCCI Certificate (Japan) • MIC Certificate (Korea) • NTC Certificate (Philippines) • GOST Certificate (Russia) • FCC ID, Grant of Equipment Authorization (USA) • UL and cUL Listed Accessory (USA and Canada) • CB Scheme Certificate (International)
Windows Hardware Quality Labs (WHQL)	1467433 Microsoft Windows 7