

# Introduction

Thank you for purchasing SoftBank 004Z wireless broadband modem.

- SoftBank 004Z is referred to as "modem" in this guide.
- Read this guide thoroughly beforehand for proper usage.
- Accessible services may be limited by contract conditions or service area.
- This modem is compatible with 3G network technologies.

## Notes

- Unauthorized copying of any part of this guide is prohibited.
- Contents are subject to change without prior notice.
- Steps have been taken to ensure the accuracy of descriptions in this guide. If you find inaccurate or missing information, contact SoftBank Mobile Customer Center, General Information (P.7-3).

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## 1 Getting Started

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## Operating Environment

Use modem in any of these operating environments:

- Compatible Operating Systems:  
Windows XP Home Edition (Service Pack 2 or later)  
Windows XP Professional (Service Pack 2 or later)  
Windows Vista Home Basic (32-bit or 64-bit)  
Windows Vista Home Premium (32-bit or 64-bit)  
Windows Vista Business (32-bit or 64-bit)  
Windows Vista Ultimate (32-bit or 64-bit)  
Windows 7 Starter Edition (32-bit)  
Windows 7 Home Premium (32-bit or 64-bit)  
Windows 7 Professional (32-bit or 64-bit)  
Windows 7 Ultimate (32-bit or 64-bit)  
Mac OS X 10.4 to 10.6 (Intel)  
Compatible OS includes both English and Japanese versions.
- Memory Requirements:  
Windows XP: 256MB (512MB+ recommended)  
Windows Vista: 512MB (1GB+ recommended)  
Windows 7 (32-bit): 1GB+  
Windows 7 (64-bit): 2GB+  
Mac OS X: 256MB (512MB+ recommended)
- Available Hard Disk Capacity:  
50MB required (100MB+ recommended)
- PC Interface: USB 2.0

Use outside these environments may affect performance.  
Operating environment (hardware, connected peripherals, installed applications, etc.) may also affect performance.

- For PC support, OS version upgrade information, etc., see corresponding manufacturer's product support documentation.

## Usage Conditions

- This modem is for use within SoftBank Mobile service areas/areas covered by SoftBank Mobile Global Roaming Service.
- Even within service area, transmissions may be disrupted inside buildings, aboard trains, inside tunnels, underground, behind buildings, in valleys, etc. Signal may be weak in some areas.
- Extremely strong or weak signals may disrupt transmissions.
- Modem transmissions are highly secure, however, eavesdropping can occur. Please use accordingly.
- This modem is a radio as stipulated by the Radio Law. Under this law, it must be submitted for inspection upon request.
- In public places please use modem without disturbing others.
- USIM Card must be installed for modem use.
- SoftBank Mobile is not liable for any damages/recovery costs associated with modem use.

Read Safety Precautions before using modem.




## User Guide

- Read Safety Precautions before using modem.
- Observe precautions to avoid injury or property damage.
- SoftBank Mobile is not liable for any damages from modem use.

# Safety Precautions

## Labels





These labels indicate the degree of risk from improper use. Make sure you thoroughly understand meanings before reading on.

|  |  |
|--|--|
|  <b>DANGER</b>  | Great risk of death or serious injury <sup>1</sup>             |
|  <b>WARNING</b> | Risk of death or serious injury <sup>1</sup>                   |
|  <b>CAUTION</b> | Risk of injury <sup>2</sup> or damage to property <sup>3</sup> |

- 1 Includes blindness, wounds, low/high heat burns, electric shock, bone fractures, poisoning or other physical harm with aftereffects, or requiring hospitalization or ongoing hospital visits.
- 2 Includes wounds, burns, electric shock or other physical harm not requiring hospitalization or ongoing hospital visits.
- 3 Includes damage to home, furniture, livestock, pets, etc.

## Symbols

These symbols indicate prohibited or compulsory actions. Make sure you thoroughly understand meanings before reading on.

|   |                                |
|---|--------------------------------|
| <br>Prohibited                   | Prohibited actions             |
| <br>Do Not<br>Disassemble        | Disassembly prohibited         |
| <br>Avoid Liquids<br>Or Moisture | Exposure to liquids prohibited |
| <br>Compulsory                   | Compulsory actions             |

## Limitation of Liability

- SoftBank Mobile is not liable for any damages arising from natural disasters such as earthquakes, lightning, storms and floods, as well as fires through no fault of SoftBank Mobile, acts by third parties, other accidents, improper use by the user, whether intentionally or negligently, or use under other abnormal conditions.
- SoftBank Mobile is not liable for incidental damages arising out of the use or inability to use the product, including, but not limited to, corruption or loss of data, lost business revenue or suspension of business operations.
- SoftBank Mobile is not liable for any damages arising from improper use not conforming to the instructions in the instruction manuals.
- SoftBank Mobile is not liable for any damages arising from malfunctions caused by use in combination with connection equipment or software that is not authorized for use by SoftBank.
- SoftBank Mobile is not liable for any damages resulting from accidental loss/alteration of any downloaded data.
- SoftBank Mobile is not liable for corruption or loss of stored data resulting from failures or malfunctions of the product, regardless of the cause. Make sure to keep a separate memo of important data to limit damage caused by data corruption or loss to a minimum.

## Device & USIM Card



**DANGER**



Do Not  
Disassemble

**Do not disassemble, modify or solder device or related hardware.**

May cause fire, injury, electric shock or malfunction.



Avoid Liquids  
Or Moisture

**Do not expose to liquids.**

Do not leave device or related hardware wet after exposure to water, pet urine, etc., and do not insert wet device into PC. May cause overheating, electric shock, fire, injury or malfunction. Use them in an appropriate place properly.



Prohibited

**Do not use or expose device or related hardware to extreme heat (e.g., near fire or sources of heat, in direct sunlight, inside vehicles, etc.).**

May cause warping or malfunction. Device or related hardware may become hot and lead to burn injuries.



**WARNING**



Prohibited

**Do not place device in/on ovens, microwave ovens, pressure cookers, induction stoves or other cooking appliances.**

May cause malfunction.



Compulsory

**Stop using this device near gas stations or places with fire/explosion risk. Device use near petrochemicals or other flammables may cause fire/explosion.**

Gases may ignite.

Using device near petrochemicals or other flammables may cause fire or explosion.



Prohibited

**Do not apply strong shocks or impacts.**

May cause malfunction.



Compulsory

**If any unusual sounds, odors, smoke or other abnormalities occur while using or storing, turn off the PC connected with device.**

Continued use may cause fire or electric shock.

## CAUTION



Prohibited

**Do not place device on unstable surfaces.**

Device or related hardware may fall, resulting in injury, malfunction, etc.



Compulsory

**Keep device out of infants' reach.**

Infants may choke from swallowing device or related hardware or be injured, etc.



Compulsory

**If your child is using device, explain all instructions and supervise usage.**

Misuse may cause injury, etc.

## Handling Device

## WARNING



Compulsory

**Power off nearby electronic devices employing high precision control systems or weak signals.**

May cause electronic malfunctions, etc.

**\*Be especially careful near the following devices:**

Devices that may be affected:

Hearing aids, implanted cardiac pacemakers, implanted defibrillators and other electronic medical equipment; fire alarms, automatic doors and other automatic control devices.



Compulsory

**Because device radio waves may impair aircraft operations, please power off device while aboard.**

When device use aboard aircraft is allowed, please follow instructions of airline personnel.



Compulsory

**If thunder is heard while outdoors, turn power off; find cover.**

There is a risk of lightning strike or electric shock.

## CAUTION



Compulsory

**If you experience any skin irritation associated with device use, discontinue device use and consult a doctor.**

Metal and other materials may cause skin irritation, rashes, or itchiness depending on your physical condition.

|           | Parts            | Material/Finishing                               |
|-----------|------------------|--|
| Main Unit | Unit             | PC resin/UV coating                              |
|           | Unit metal part  | Stainless steel<br>Beryllium bronze/gold coating |
| Package   | External package | OPP bag  |



Prohibited

**Keep this device away from magnetic cards, etc.**

Data on bank cards, credit cards, telephone cards, floppy disks, etc. may be lost.



Compulsory

**Device may become hot while in use, especially at high temperature.**

Prolonged contact with skin may cause burn injuries.

## Handling USIM Card & SD Card

### CAUTION



Prohibited

**Do not insert objects other than SD Card into SD Card Slot.**

May cause overheating, electric shock or malfunction.



Prohibited

**Do not shake, subject to shocks or remove SD Card while writing or reading SD Card data.**

May cause data loss or malfunction.



Prohibited

**Do not use SD Card other than the corresponding one.**

May cause data loss or malfunction. Device supports SD Card with a storage capacity of up to 32 GB.



Prohibited

**Do not use excessive force when inserting or removing USIM Card.**

May cause malfunction. Be careful not to injure a hand or finger when removing USIM Card.



Prohibited

**Do not use USIM Card other than specified one.**

May cause data loss or malfunction.

## Electronic Medical Equipment

### CAUTION

This section is based on "Guidelines on Safeguarding Medical Equipment from Electromagnetic Waves from Mobile Phones and Other Devices" (Electromagnetic Compatibility Conference Japan), and "Research Report on the Influence of Electromagnetic Waves on Medical Equipment" (Association of Radio Industries and Businesses, March 2001).



Compulsory

**Keep device a minimum of 22 centimeters from implanted cardiac pacemaker or implanted defibrillator.**

Radio waves may interfere with implanted pacemakers or defibrillators.



Compulsory

**If you intend to use electronic medical equipment other than implanted pacemaker/defibrillator outside medical facilities, consult the vendor on radio wave effects.**

Radio waves may interfere with electronic medical equipment.



Compulsory

**Observe the following in medical institutions. Radio waves from device may affect electronic medical equipment.**

- Do not enter an operating room or an Intensive or Coronary Care Unit while carrying the device.
- Power off PC in hospitals.
- Even in lobbies or other places where device use is permitted, turn off the PC near electronic medical equipment.
- Obey medical facility rules on use.



Compulsory

**Do not use in crowds/trains. People with implanted pacemaker/defibrillator may be near.**

Radio waves may interfere with the operation of implanted cardiac pacemakers or implanted defibrillators.



## Usage Basics

- Device transmissions may be disrupted inside buildings, tunnels, or underground, or when moving into/out of such places.
- Use device without disturbing others. Theaters and public transportation systems may or may not allow use of the device.
- Devices are radios as stipulated by the Radio Law. Under the Radio Law, devices must be submitted for inspection upon request.
- Files may be lost or damaged in the following situations. SoftBank Mobile is not liable for damages incurred due to lost or altered information. To minimize damages, back up data and store separately.
  - When using the device incorrectly.
  - When affected by static electricity or electrical noise.
  - When the power is turned Off while the device is operated.
  - When the device breaks down or is submitted for repair.
- The Ordinance of the Ministry Specifying Goods and Technologies Pursuant to Provisions of the Appended Table 1 of the Export Trade Control Order and the Appended Table of the Foreign Exchange Order documents might be needed depending on what kinds of devices are taken overseas, but if this device is taken abroad on trips or short business trips for personal usage, they essentially are not needed when bringing it back in. However, if this device is used by other individuals or handed over to them, an export license may be required. In addition, if the device is taken to countries (Cuba, North Korea, Iran, Sudan and Syria) which are subject to U.S. government stipulated export restraints, then U.S. government export licenses might be required. For details on the particulars of regulations for export laws and ordinances and procedures visit the Ministry of Economy, Trade and Industry's Security Export Control Division's website.
- Do not use this device in the proximity of areas where explosive materials are handled. An explosion may be induced. In addition, explosive devices might be affected.
- USIM Cards used by this device cannot be used with some models (includes models previously sold by SoftBank).

## APN Settings

- The access point which corresponds to the predetermined flat-rate plan is configured by the device's utility software SoftBank 004Z Utility (factory default configuration). Appropriate access points conduct bandwidth controls via SoftBank's network.
- For contracted price plans besides the predetermined plans such as the Data Value Pack, use the below listed access point after additionally configuring the SoftBank 004Z Utility. When the following access point is used with a predetermined plan, corresponding transmissions are all charged on a pay-as-you-go basis, and since the billing might be expensive, please use the access point which corresponds to the predetermined plan that was configured in advance for the predetermined plan that is used.

Access point for pay-as-you-go plans such as the Data Value Pack  
Access Internet  
APN: softbank  
ID: ai@softbank  
Password: softbank

## Aboard Aircraft

- Radio waves may impair aircraft operations; power off the device while aboard aircraft. If device use is allowed, follow the instructions of airline personnel.

## Handling

- Do not expose device to rain, snow, or high humidity. This device is not waterproof. Avoid extreme temperatures/direct sunlight/dusty area.
- Avoid extreme temperatures/direct sunlight/dusty areas.
- Do not drop or subject device to shocks.
- USIM Cards used by this device cannot be used with some models (includes models previously sold by SoftBank).



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| 6,339,405 | 6,359,591 | 6,400,336 | 6,516,204 | 6,561,851 |
| 6,643,501 | 6,653,979 | 6,697,030 | 6,785,830 | 6,845,249 |
| 6,847,830 | 6,876,697 | 6,879,585 | 6,886,049 | 6,968,171 |
| 6,985,757 | 7,023,878 | 7,053,843 | 7,106,569 | 7,145,267 |
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| 5,544,196 | 5,568,483 | 5,600,754 | 5,657,420 | 5,659,569 |
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