

## Main Features and Specifications of 902i Series

(Subject to change)

### **D902i**

1. 2.8" wide-QVGA display  
The large 2.8" LCD screen displays extra information, and can be divided into upper and lower halves to show the phonebook or calendar in one window and an e-mail in the other. Video can also be displayed on the screen horizontally.  
Slim, one-touch slide-open design  
Merely 19.5 mm thick, the phone slides open at the touch of a button. It can automatically launch a user-specified operation (reply to mail, make calendar entry) when opening.
2. Auto-focus Super-CCD Honeycomb camera  
Opening (closing) lens cover automatically starts up (turns off) the camera.
3. Music player  
Music playback can be activated both by dedicated menu controls or long presses on the keypad (optional setting). Background playback allows the user to listen to music while checking e-mail or using i-mode.
4. The game "COLUMNS JEWEL™" is preinstalled.

Height x Width x Thickness (Folded)	109 x 50 x 19.5 mm
Weight	Approx. 116 grams
Continuous Stand-by Time	Approx. 550 hours (static), approx. 380 hours (dynamic)
Continuous Talk Time	Approx. 165 minutes
Continuous Video Calling Time	Approx. 90 minutes
Main Display	Approx. 2.8 inches (240 x 400 dots); 262,144 colors; QVGA TFT LCD
Sub Display	N/A
External Memory Device	miniSD™ memory card (optional)
Cameras	Outer: Super CCD Honeycomb Effective resolution: 2.00 mega pixels Recorded resolution: 4.00 mega pixels Inner: CMOS camera Effective resolution: 320,000 pixels Recorded resolution: 310,000 pixels
Colors	Premium Yellow, Luster White, Cool Black, Luminous Pink

*Super CCD Honeycomb is a registered trademark of Fuji Photo Film, Co., Ltd.*

*miniSD is the trademark of the SD Association.*

*COLUMNS JEWEL is a trademark or registered trademark of Sega Corporation in Japan and other countries.*

**F902i**

1. Elegant body colors/ textures and round display  
The phone offers highly personal finishes, including metallic Platinum Mirror, limpid Glossy Rouge, sophisticated Metallic Bronze and elegant Fairy Lavender. The sub display on the back, which resembles a watch or meter, shows battery power and signal strength.
2. Advanced security  
Scanning a fingerprint on an embedded sensor and closing the phone automatically locks the handset. Activating the lock illuminates a security lamp on the back for three seconds to confirm the phone's locked state. Scanning the fingerprint once again activates the handset.
3. Auto-focus Super-CCD Honeycomb camera with 4 MP recorded resolution  
Four photos can be shot consecutively and stitched together into a single panoramic shot. The phone includes a lamp assist for low-light situations.
4. Music player  
Music playback can be activated both by dedicated menu controls or long presses on the keypad (optional setting). Background playback allows the user to listen to music while checking e-mail or using i-mode.
5. The game "Romance of the Three Kingdoms™ II for Mobile" is preinstalled.

Height x Width x Thickness (Folded)	106 x 50 x 25mm
Weight	Approx. 131 grams
Continuous Stand-by Time	Approx. 540 hours (static), approx. 380 hours (dynamic)
Continuous Talk Time	Approx. 180 minutes
Continuous Video Calling Time	Approx. 100 minutes
Main Display	Approx. 2.4 inches (240 x 320 dots); 262,144 colors; QVGA TFT LCD
Sub Display	Approx. 1.0 inches (96x 96 dots); 65,536 colors; Color Organic EL
External Memory Device	miniSD™ memory card (optional)
Cameras	Outer: Super CCD Honeycomb Effective resolution: 2.00 mega pixels Recorded resolution: 4.00 mega pixels Inner: CMOS camera Effective resolution: 320,000 pixels Recorded resolution: 310,000 pixels Auto focus
Colors	Platinum Mirror, Metal Bronze, Glossy Rouge, Fairy Lavender

*Romance of the Three Kingdoms II is a trademark or registered trademark of KOEI Co., Ltd. in Japan and other countries.*

*Super CCD Honeycomb is a registered trademark of Fuji Photo Film Co., Ltd.*

*miniSD is the trademark of the SD Association.*

## **N902i**

1. Japan's first cameraphone with image stabilization (anti-shake) for stills.  
The camera uses a Super-CCD Honeycomb element with 2 MP (effective)/4 MP (recorded) resolution, and also includes auto focus. This feature also works when shooting video. As of October 2005, this will become the first mobile phone in Japan with this feature (according to NEC).
2. Helpful features for improved ease of use  
An Assistkey on the back of the phone can replay music or read aloud e-mail and calendar entries. Auto Deco-mail analyzes the emotional tone of the message and automatically applies appropriate visual decorations to the message.
3. Full browser support  
The Neuropointer™ scrolls in eight directions, making it easier to view websites intended for full-size computer displays.
4. Music player  
Nine types of equalizer are available. Background playback allows the user to listen to music while checking e-mail or using i-mode. The music player can be operated even while the handset is folded.
5. The games "DRAGON QUEST® II" and "DERBY STALLION® for N902i" are preinstalled.

Height x Width x Thickness (Folded)	106 x 51 x 25 mm
Weight	Approx. 127 grams
Continuous Stand-by Time	Approx. 520 hours (static), approx. 390 hours (dynamic)
Continuous Talk Time	Approx. 140 minutes
Continuous Video Calling Time	Approx. 90 minutes
Main Display	Approx. 2.5 inches (240 x 345 dots); 262,144 colors; QVGA+™ TFT LCD
Sub Display	Approx. 1.0 inches (120 x 90 dots); 65,536 colors; Color LCD
External Memory Device	miniSD™ memory card (optional)
Cameras	Outer: Super CCD Honeycomb Effective resolution: 2.00 mega pixels Recorded resolution: 4.00 mega pixels Inner: CMOS camera Effective resolution: 330,000 pixels Recorded resolution: 310,000 pixels Auto focus
Colors	Dark Wine, Champagne Orange, Misty Lavender, Indigo Blue

*Assistkey, Neuropointer and QVGA+ are trademarks or registered trademarks of NEC Corporation.*

*DRAGON QUEST II is a registered trademark of Square Enix Co., Ltd. in Japan and other countries.*

*DERBY STALLION is a registered trademark of PartyBit Co., Ltd. in Japan and other countries.*

*miniSD is the trademark of the SD Association.*

## **P902i**

### **1. SD Audio**

The phone supports background playback of music while checking e-mail or using i-mode. It is loaded with “SD-Jukebox” to store music on a miniSD memory card. The phone works with standard Bluetooth headset.

### **2. Lighting effects and custom jackets**

custom jackets<sup>®</sup> interact with programmed light patterns to create unique visual effects. The pre-installed Jacket Coordinator<sup>®</sup> helps users download additional light patterns matched to the jackets.

### **3. Smart Wireless with Bluetooth**

The phone works with standard Bluetooth wireless headsets for hands-free calling and wireless connection to stereo headphones, car-navigation systems, computers, etc.

### **4. miniSD cards**

Ringtones, ring-animations and large volume i-appli applications can be stored on miniSD card as well as handset memory and data can be transferred between the two.

### **5. The games “Tiger Woods PGATOUR<sup>®</sup>” and “SONIC THE HEDGEHOG<sup>™</sup>” are preinstalled.**

Height x Width x Thickness (Folded)	102 x 49 x 18.3 mm (without custom jacket)
Weight	Approx. 109 grams (without custom jacket)
Continuous Stand-by Time	Approx. 500 hours (static), approx. 350 hours (dynamic)
Continuous Talk Time	Approx. 150 minutes
Continuous Video Calling Time	Approx. 100 minutes
Main Display	Approx. 2.4 inches (240 x 320 dots); 262,144 colors; QVGA TFT LCD
Sub Display	Approx. 1.0 inches; 4,096 colors; Color STN
External Memory Device	miniSD <sup>™</sup> memory card (optional)
Cameras	Outer: $\nu$ Maicovicon <sup>®</sup> camera Effective resolution: 2.01 mega pixels Recorded resolution: 1.92 mega pixels Inner: CMOS camera Effective resolution: 110,000 pixels Recorded resolution: 100,000 pixels
Colors	Sliver x Cool Glass, Black x Rubber Black, White x Bouquet Glass
Custom Jacket	Cool Glass, Rubber Black, Bouquet Glass, Aqua Blue, Marmalade, ONIYANMA, KARUKUSA, White Silhouette, Candy Dot, Color Stripe, Clear

*Tiger Woods PGATOUR is a trademark or registered trademark of Electronic Arts Inc. in Japan and other countries.*

*SONIC THE HEDGEHOG is a trademark or registered trademark of Sega Corporation in Japan and other countries.*

*$\nu$  Maicovicon is a registered trademark of Matsushita Electric Co., Ltd.*

*custom jacket and Jacket Coordinator are trademarks or registered trademarks of NTT DoCoMo, Inc.*

*miniSD is the trademark of the SD Association.*

*Bluetooth is a registered trademark of Bluetooth SIG Inc.*

## **SH902i**

### **1. VeilView Mobile ASV LCD**

A dedicated button switches the LCD to narrow-angle view for privacy when viewing e-mails or other private content in the presence of others. An automatic lighting sensor controls the brightness of the LCD depending on the environment.

### **2. Image stabilization and 3.16 MP CCD auto-focus camera**

Motion-picture image stabilization works with all image sizes and shooting modes for indoor, outdoor and nighttime conditions (up to 750 Kbps bit rate).

### **3. SD Audio**

The phone supports background playback when checking e-mail or using i-mode. It also includes “SD-Jukebox” to store music on miniSD cards, and it works with standard Bluetooth wireless headsets.

### **4. Full browser and file downloading**

The handset’s browser accesses Internet sites designed for viewing by PC. Files up to 500 KB can be downloaded from PC sites. PC webmail can be used to receive attached files and the Document Viewer opens files made with Microsoft Word, Microsoft Excel and other popular programs.

### **5. The game “HOT SHOTS GOLF™ Mobile 2 for SH (tentative)” is preinstalled.**

Height x Width x Thickness (Folded)	107 x 50 x 22 mm
Weight	Approx. 129 grams
Continuous Stand-by Time	Approx. 500 hours (static), approx. 400 hours (dynamic)
Continuous Talk Time	Approx. 140 minutes
Continuous Video Calling Time	Approx. 90 minutes
Main Display	Approx. 2.4 inches (240 x 320 dots); 262,144 colors; QVGA VeilView Mobile ASV LCD
Sub Display	N/A
External Memory Device	miniSD™ memory card (optional)
Cameras	Outer: CCD camera Effective resolution: 3.16 mega pixels Recorded resolution: 3.15 mega pixels Inner: CMOS camera Effective resolution: 110,000 pixels Recorded resolution: 110,000 pixels
Colors	Carbon Red, Leather Black, Shell Blue, Glass White

*“HOT SHOTS GOLF” is called “EVERYBODY’S GOLF” in Europe.*

*EVERYBODY’S GOLF is a trademark of Sony Computer Entertainment Inc.*

*HOT SHOTS GOLF is a registered trademark of Sony Computer Entertainment Inc.*

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*miniSD is the trademark of the SD Association.*

**SO902i**

1. Compact, one-piece, “dual-front” design  
The phone fits multiple functions into a compact, one-piece design with a solid feel. Its “dual-front” design includes an equally attractive back, where the camera is placed.
2. Image stabilization and 3.18 MP CMOS auto-focus camera  
Motion-picture image stabilization works with all image sizes and shooting modes. The 3.18-MP auto-focus camera has special modes for indoor, outdoor and nighttime shooting.
3. Curved keys illuminated with white LEDs  
Easy-to-operate, curved keys speed text input and are illuminated with attractive, white LEDs.
4. Bright QVGA screen  
The screen’s brightness measures roughly 400 candela.
5. The game “SIMCITY® 3D for SO” is preinstalled.

Height x Width x Thickness (Folded)	109 x 45 x 20 mm
Weight	Approx. 102 grams
Continuous Stand-by Time	TBD
Continuous Talk Time	TBD
Continuous Video Calling Time	TBD
Main Display	Approx. 1.9 inches (240 x 320 dots); 262,144 colors; QVGA TFT LCD
Sub Display	N/A
External Memory Device	Memory Stick Duo/Memory Stick Pro Duo (optional)
Cameras	Outer: CMOS camera Effective resolution: 3.18 mega pixels Recorded resolution: 3.15 mega pixels Inner: CMOS camera Effective resolution: 110,000 pixels Recorded resolution: 100,000 pixels
Colors	Dark Blue x Brown, Red x Red, White x White

*SIMCITY is a trademark or registered trademark of Electronic Arts Inc. in Japan and other countries.*

*Memory Stick Duo and Memory Stick Pro Duo are registered trademarks of Sony Corporation.*