SONY

Say goodbye to your paper organiser!

CLIE Organizer

Step forward to ideal scheduling.

CLIÉ
PEG-TH55

310,000 pixel camera
Shoot the rear mounted camera with one hand, then view and share your photos with ease!

Make a new start with CLIE Organizer.
The earth shattering advent of CLIE Organizer revolutionises daily information management and relegates paper notebooks to the dustbin of history! Don't be left behind!

Headphones sold separately

PEG-TH55

Fully Wireless Ready
Ready for Wireless LAN communications, Net surfing, and easy email exchange straight out of the box!*

* Wireless connectivity requires access to an 802.11b Access Point, which may require a fee. Internet service provider required.
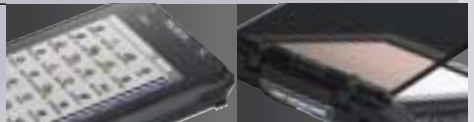
Ideal For Work & Study
View Microsoft® Office files, HotSync® with your PC, handwrite entries with Decuma Input and more.

Note: Cradle is sold separately.

Super Sleek & Durable

The durable executive black body features a large screen framed in handsome aluminum and protected by a transparent scratch-resistant 5H-hard acrylic cover.

Discover genuine mobile convenience.

CLIÉ TH55 puts a multitude of convenient functions in your hand. Explore the possibilities and discover a new mobile lifestyle!

Wireless Networking

■ Wireless LAN   ■ Infrared

CLIÉ TH55's wireless capabilities make it possible to surf the Net, exchange email without using a PC, and synchronise data with PCs and other handhelds.

Built-in Wireless LAN
Straight out of the box, CLIÉ can gain access to "Hot Spots" for swift Net surfing, support email exchange, and let you take advantage of wireless HotSync® with your PC.*

Email (CLIE Mail)
CLIE Mail lets you exchange email with image and sound file attachments. It also cooperates with your PC's Outlook and Outlook Express applications and makes multiple email account management a breeze.

Web Browser (NetFront)
The new "Smart Fit" function automatically optimises web page tables to fit the screen of the CLIÉ for more comfortable Net surfing, while the Jog Dial makes it easy to scroll pages and push on hyperlinks. History and bookmark functions come in handy too.

File Unzipping
This extremely handy feature lets you decompress zipped files on CLIÉ that have been downloaded from the Net, received with mail, or imported from Memory Stick — all without the need to use a PC.

Data Sync with PC
Besides conventional USB connection, data can also be synced via an Access Point to a PC in the same LAN.

Data Exchange
Use infrared IrDA (1.2) to exchange data with other Palm OS installed PDAs or make use of Wireless LAN capability to send information to similarly equipped PDAs running the Palm OS.

* Wireless connectivity requires access to an 802.11b Access Point, which may require a fee. Internet service provider required.

Audio & Visual

CLIÉ TH55 comes with AV applications that enrich your lifestyle. Best of all, you can always carry them with you wherever you go.

Still Camera 310K Pixels
Simply slide open the lens cover and the CLIE Camera application activates automatically, leaving you ready to shoot in an instant.

Voice Rec and Playback
The built-in microphone and Voice Recorder let you record voice and other sounds at either of two selectable sensitivities. Recorded audio files can be played back on both CLIÉ TH55 and PCs.

Still Picture Viewing
Both CLIE Organizer and CLIE Viewer display JPEG image files on the screen and show AV files as thumbnails that you can click on to open in the appropriate application.

Built-in Speaker
A built-in speaker enables playback of audio files for all to hear.

Flash Movie Playback
Macromedia Flash Player is installed, letting you play the flash movies and games that everybody is raving about.

Music Playback (MP3, ATRAC3)
The built-in Audio Player plays MP3 and ATRAC3 music files from Memory Stick. CLIÉ TH55's long lasting battery lets you enjoy up to 24.5 consecutive hours of music.

Movie Viewing
Movie Player lets you enjoy movies you've shot with Handycam and Cyber-shot. With the bundled Image Converter application, you can convert video files on your PC to QuickTime file format*, which is playable on CLIÉ.

* Playback is only possible with files created for Mobile Movie products.

Business & Personal

CLIÉ TH55 is an all-around convenient tool capable of supporting your professional and personal lifestyle on a daily basis.

Data Back Up (Memory Stick)
All data from applications to documents in your CLIÉ can be saved to Memory Stick. By regularly backing up, you can prevent data loss.

Date Book
You can input memos directly by writing with a stylus anywhere on the screen. Or paste photos, sound files and even movies as thumbnails that can be viewed or played back with a double tap.

Address
Photos of your friends and associates can be stored right next to their names and addresses. Links can be added to Free Notes, and finding the right address in the thumbnail or list view is as easy as ABC.

To Do
This handy application lets you sort entries by priority, category, and due date in a new tree-type directory. You can also add links to Free Notes for the ultimate in organisational freedom.

Memo Pad
Simply write notes by your favourite input method (Decuma Input handwriting, software keyboard...) or import text data from your PC.

Microsoft® Office Document Viewing
Picsel Viewer lets you view Microsoft® Word, Excel and PowerPoint business documents, as well as PDF, JPEG, GIF, and HTML files.

Free Notes
You can write memos and draw images anywhere on the screen. Or paste icons, movies, photos and sound files wherever desired. Best of all, you can then drag your Free Notes into Date Book, or create a link in To Do and Address.

Viewer
When you want to view still images, movies and Free Notes, or listen to voice recordings, simply open the Viewer. It provides quick Jog Dial access to all your media files via thumbnail or data list.

Reference
Various useful data is provided in this unique section for your periodic reference. Information includes conversion tables for size, temperature, weight, speed and more.

Alarm & Clock
With Date Book, you can set alarms to go off whenever you need a reminder. Now you'll never miss another important appointment.

Input Assistance

Sony's resolve to develop the most user friendly interface possible has led to a variety of input methods that suit different user needs:
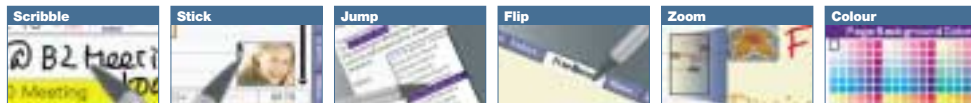
Natural Handwriting Input
Decuma Input enables intuitive handwritten input by recognising characters you write with a stylus on the screen and replacing them with friendly handwritten-style text.
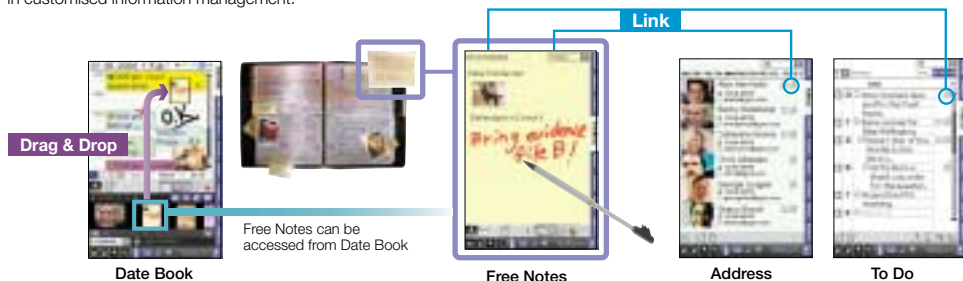
CLIE Organizer

Six CLIE Organizer breakthroughs!

CLIE Organizer outshines paper organisers with its unprecedented functionality.

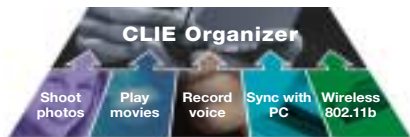| Scribble	Stick	Jump	Flip	Zoom	Colour

Capabilities beyond paper organisers

You are now witnessing an historic moment in PDA history! Never before has any PDA let you scribble memos with the stylus, shoot photos with the built-in camera, then drag and drop your memos and photos (as well as movies, voice files and icons) anywhere on your schedule and move them around with total freedom. Or link Free Notes to your To Do List and friends' addresses for the ultimate in customised information management.

Link

Drag & Drop

Free Notes can be accessed from Date Book

Date Book

Free Notes

Address

To Do

CLIE Organizer — the heart and soul of CLIÉ TH55

All of the extraordinary advances in CLIÉ TH55 were specifically designed to facilitate CLIE Organizer's revolutionary operation.

CLIE Organizer

Shoot photos	Play movies	Record voice	Sync with PC	Wireless 802.11b

CLIE Organizer for PC

Supremely satisfying organisational power extends to your PC through user-friendly CLIE Organizer for PC software. Bundled with your CLIÉ, it lets you instantly share all new data with your PC, as well as view and edit the files on your PC. There's nothing more gratifying than instant PC backup of your CLIÉ's data at the end of a long day. For those who are constantly on the go, it's the perfect solution for anytime, anywhere input and quick everyday large-volume backup. Still want to manually copy notes from paper memos to your PC?

It's time to throw your paper notebook away!

Thanks to Date Book, Free Notes, Address, Viewer, Memo Pad, To Do, and Reference, CLIE Organizer opens up a new world of personal information management that far surpasses paper notebooks in convenience and flexibility.

Date Book

This innovative scheduler lets you scribble memo reminders anywhere on the screen with a stylus. Photos, sound files, movies, icons, stickers and Free Notes can also be dragged in.

Free Notes

Scribble memos and paste icons, stickers, movies, photos and sound files. Then drag the entire screen into Date Book as a digital sticky note, or create links in To Do and Address.

Address

Paste photos of your associates next to their names and addresses and link to relevant Free Notes where messages, movies, photos and sound files can be stored for reference.

Viewer

View still images, movies and Free Notes in full size on the screen and play voice recordings you've created on your CLIÉ TH55. Just tap your choice of thumbnail or data lists.
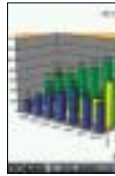
Jump via Data Assistant

Simply select a date and time in an email message and press the Data Assistant button to easily enter events in your schedule. Or select an email address or URL and jump to CLIE Mail's edit screen or a desired web site.
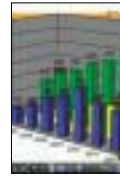
Work & Study

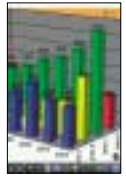## Picsel Viewer for Microsoft® Office documents.

This incredibly handy business software lets you view almost any kind of business document on your PC. Through simple stylus or Jog Dial operation, you can freely zoom in and pan across objects. Even if you zoom in on the document, objects are displayed cleanly without a jaggy appearance.

Zoomed out   Zoomed in   Zoomed in

Decuma Input for easy handwriting input.

Decuma Input's OnSpot Technology recognises characters you write with a stylus on the screen and replaces them — right where you wrote them — with friendly handwritten-style text. The intuitive interface makes editing easy as well. Just overwrite to replace, cross through to delete, or write an elevated "v" between letters to add a space. Nothing could be more natural and stress-free!

CLIE Files with easy file unzipping.

One of CLIÉ's most fundamental applications, CLIE Files, lets you view, copy, delete, and move almost any data stored in RAM or Memory Stick. Not only that, it provides a convenient unzipping function that lets you directly unzip compressed files you receive through mail, download from the Internet or import from Memory Stick. You no longer have to deal with the hassles of decompressing your files on a PC!

AV & Wireless

Surf the Net and exchange email*.

Wireless LAN compatibility lets you enjoy Net surfing and email exchange. The "Smart Fit" function of NetFront (v. 3.1 for CLIE) displays web tables in vertical order for easier viewing. A Jog Dial simplifies the navigation of links. CLIE Mail makes it easy to exchange email with image and sound files attached. And bundled CLIE Mail Conduit allows synchronisation with popular PC email applications such as Microsoft® Outlook and Outlook Express.

* Wireless connectivity requires access to an 802.11b Access Point, which may require a fee. Internet service provider required.

NetFront   CLIE Mail

Shoot, view, and share images with ease.

It's easy to shoot your own photos with the built-in 310,000 pixel digital camera. Simply slide open the lens cover to quickly launch CLIE Camera and fill the LCD with the scene. Then point at your subject, and press. The photos you take are stored as thumbnails for quick access and can easily be dragged and dropped into CLIE Organizer applications to complement text based information. Just tap on thumbnails twice to fill the screen.

CLIE camera

Record, manage, and send voice files.

With CLIÉ TH55, you'll never again miss a recording opportunity. At meetings, select the high sensitivity recording mode to catch the nuances of every voice in the room. Or select the standard sensitivity recording mode when holding the microphone near your mouth for memos. Recorded sound can be pasted to Date Book and Free Notes of CLIE Organizer as well. It also can be used as an alarm, or even sent to your friends by email. File management on your PC is a breeze, too, because sound is recorded as WAV files.

Voice Recorder

Entertain yourself with movies and music.

CLIÉ TH55 features a Mobile Movie* function that lets you enjoy QuickTime** movies wherever you are. Using bundled Image Converter software, you can convert video files on your PC to QuickTime files** too. Movie Player also plays MPEG movies*** recorded with your Handycam or Cyber-shot directly from Memory Stick. What's more, those movie files can be pasted to Date Book and Free Notes in CLIE Organizer. You can also save songs on Memory Sticks (ATRAC3 and MP3) and carry them with you for up to 24.5 hours**** of continuous playback on the built-in Audio Player.

* Mobile Movie is a way of enjoying movie content on various devices via Memory Stick. Mobile Movie devices use QuickTime file format.
** Playback is only possible with files created for Mobile Movie products.
*** Some codecs, including MPEG Movie VX, are not supported.
**** Continuous operation with display set off (hold mode). Battery life varies depending on temperature and usage.

Headphones sold separately

Large, high resolution LCD

CLIÉ's high resolution 480 × 320 dot, 16 bit 65,536 colour LCD gives you a much better picture of what's going on. Still and video images appear in exceptionally fine detail with particularly better skin colour — a result of adjusted picture tone. Outdoors or indoors, no matter the lighting conditions, enhanced backlighting ensures your view is always clear.

Handy Memory Sticks.

Memory Sticks provide extra storage space for images, music and files of any kind. You can also use them to transfer files between your PC and CLIÉ — a convenient alternative to using HotSync® transfer or CLIÉ's flash memory. Or use Memory Stick Back Up to back up all your data, including applications and documents, in no time at all. Multiple generations of backup are possible or, if necessary, you can select versions to overwrite.

What's more, once wireless or USB connection has been made between CLIÉ and your PC, you can use CLIÉ as a Memory Stick reader/writer thanks to Data Import/Export applications!

User friendly design

CLIÉ's uniquely efficient, user friendly design includes a Jog Dial navigator on the upper backside with left and right keys and a back button that enables one handed operation. In fact, every operation except stylus input can be accomplished with one hand. These controls make it easy to access your schedule and enjoy Net surfing.

Extra long lasting batteries.

It's simply amazing! Thanks to CLIÉ TH55's Sony Handheld Engine™, you can enjoy up to 24.5 hours of continuous music playback*. That's more than enough to keep you boogying all night and all day! Or enjoy 5.5 consecutive hours** of Net surfing without having to take a break to recharge the batteries. What more could a power user ask for?

Hand held Engine

* Continuous operation with display set OFF (Hold mode). Battery life depends on the temperature and usage.

 ** Continuous operation with display and Back Light set ON (brightness setting: minimum). Battery life depends on the temperature and usage.

Make the most of CLIÉ TH55 wherever you go!

USB Cradle PEGA-UC55
Keep an optional cradle at your home or place of business! It makes it easy to synchronise data with a PC wherever you go, and the USB Cradle even doubles up as a stylish picture stand.

Carrying Case PEGA-CA80
Give your elegant CLIÉ TH55 the special protection it deserves with this tough yet stylish customised padded case. Smart-looking soft black mesh fabric can stand up to hard daily wear. Contains a special pocket for Memory Stick and business cards, so you're always well organised for business or leisure.

AC Adapter PEGA-AC10
Just plug into the wall, and charge your CLIÉ without the need for a cradle. Keep an extra AC Adapter at home, at work and for international travel. The AC Adapter supports multi-input voltage (AC 100-240V, 50-60Hz).

Compact Keyboard PEGA-KB100
Sony's lightweight, folding QWERTY keyboard flips open to full size for faster, easier typing. When folded, it's compact enough to slip into your bag and take along with CLIÉ wherever you go. It features function keys, numeric keys and even accent mark input. What's more, it doesn't even require its own battery.

Battery Adapter PEGA-BC10
Is your CLIÉ running out of battery power? Help is on the way! The lightweight Battery Adapter uses four regular AA-size batteries* available anywhere to fully charge CLIÉ.

* Compatible with Sony AA size dry alkaline batteries. Also compatible with Sony NiMH and NiCd rechargeable batteries. Batteries and battery chargers sold separately.

Retractable Stylus 2 Pack PEGA-ST50
It's a good idea to keep spare styluses — just in case. So here's a pack with two unique retractable styluses, a black one and white one, both printed with the CLIÉ logo. This ensures you'll always have a stylus on hand!

More accessories

• USB HotSync® Cable PEGA-HS10 • Car Battery Adapter PEGA-DC10 • Carrying Bag PEGA-CA61 • Carrying Case PEGA-CA100
• Carrying Case PEGA-CA23 • Carrying Pouch PEGA-CP20 • Screen Protector PEGA-SP70 • Privacy Filter PEGA-PF70
• Speaker Cradle PEGA-SPC100K

Note: Availability of accessories may vary by country or region.

PEG-TH55 Specification

Model	PEG-TH55
OS	Palm OS 5 (ver. 5.2) English
CPU	Sony Handheld Engine™
Memory (RAM)	32MB (User area 32MB)
Memory (ROM)	32MB
Interface	• USB for HotSync Interface (18 pin) • IrDA (1.2) • Memory Stick slot*1 • Wireless LAN (IEEE 802.11b)
Display	TFT colour display with Back Light, 480 × 320 dots, 65,536 colours
Others	• Monaural speaker • Monaural microphone • Headphone stereo minijack • Jog Dial & Right/Left buttons • BACK button • REC LED • WLAN LED • Power LED • Memory Stick LED
Power Requirements	DC 5.2V (with supplied AC adapter), 3.7V (with battery)
Battery System	Lithium-ion polymer
Battery Life*2	Approx. 15 days*3 / 9 days*4
Dimensions (W × H × D)	Approx. 73.3 × 121.5 × 15.7 (13.4)mm (Excluding hardcover)
Weight (including stylus)	Approx. 185 (165)*5g
Packaged Content	• CLIÉ handheld • USB cable • Retractable stylus • AC adapter • AC cord • Plug adapter • Hand strap • Installation CD-ROM • Operating Instructions • Internet Connection Guide • Safety & Regulation Guide • Graffiti2 card • End User License Agreement • Registration notice • In-carton magazine

*1 Supports Memory Stick, MagicGate Memory Stick, Memory Stick Duo, Memory Stick PRO and Memory Stick PRO Duo media. Note that data requiring the MagicGate function cannot be viewed or recorded with Memory Stick PRO media nor Memory Stick PRO Duo media. Does not support high speed data transfer with parallel interface. MagicGate copyright protection technology cannot be applied to Memory Stick PRO.
*2 The battery life varies depending on the temperature and usage.
*3 Based on an average of 30 minutes PIM use per day (Back Light OFF)
*4 Based on an average of 30 minutes PIM use per day (Back Light ON)
*5 Excluding hardcover

■ Included Applications

Memory (Main Unit)	
Palm Organiser	• Launcher / CLIE Launcher ver. 4.55S • Address ver. 4.54S • Date Book ver. 4.55S • To Do List ver. 4.54S • Memo Pad ver. 4.54S • Prefs ver. 4.5 • Security ver. 4.5 • Welcome ver. 4.53S • Calc ver. 4.5 • Card Info ver. 4.5S • HotSync ver. 5.0 • Graffiti2 ver. 5.2 • Graffiti2 Demo ver. 5.2
Sony Software	• Data Import ver. 1.1 • CLIE Camera ver. 2.4 • Audio Player ver. 3.2 • Sound Utility ver. 1.2 • Memory Stick Backup ver. 1.0 • Movie Player ver. 1.2 • Voice Recorder ver. 1.3 • CLIE Organizer ver. 1.0 • CLIE Mail ver. 2.1 • CLIE Files ver. 1.1 • CLIE Demo • CLIE FAQ ver. 2.0 • CLIE Viewer ver. 1.2 • CLIE Organizer Sample Data
Others	• Macromedia Flash Player 5 ver. 5.0 • NetFront v3.1 for CLIE rev. 2.0 • Picsel Viewer for CLIE ver. 1.0 • Decuma Input ver. 3.0 • Image Sample Data • Sound Sample Data • Flash Player Sample Data
CD-ROM	
Applications for Handheld	• Movie Sample Data • Image Sample Data • Sound Sample Data • Flash Player Sample Data
Applications for PC	• Palm Desktop for CLIE ver. 4.1 • CLIE Organizer for PC ver. 1.0 • Image Converter (NTSC/PAL) ver. 1.1 • QuickTime 6 ver. 6.4 • Data Export ver. 1.0 • CLIE Mail Conduit ver. 1.2 • SonicStage ver. 1.5 • Intellisync Lite ver. 4.0 • CLIE Update Wizard ver. 2.1 • Adobe Reader 6.0
Manuals	• Read This First • Handbook • Support Information • CLIE Application Manual • Trouble Shooting Q&A
Trial Software	
Applications for Handheld	• Worldmate Pro • Scoreboard • Visto MessageXpress • Contacts Pro • Presenter-to-Go • Agendus • powerOne Finance Calculator • powerOne Personal Calculator • Audible • MobiPocket • Breakout • Warfare Inc. • Acid Solitaire • Bejeweled
Applications for PC	• CLIE Migration Tool

■ System Requirements

Category	Specifications
Operating System	• Windows Millennium Edition • Windows 2000 Professional • Windows XP Home Edition • Windows XP Professional
CPU	Pentium II 400MHz or faster (Pentium III 500MHz or faster is recommended.)
Memory	96MB or more (128MB or more is recommended. 256MB or more is recommended for Windows XP.)
Display	High Colour or better (800 × 600 pixels or higher is recommended.)
HDD	200MB available (350MB or more is recommended.)
Other Requirements	• CD-ROM Drive • USB port • Pointing Device (ex. Mouse, Touchpad, etc.)

■ Audio Function

Category	
Audio Frequency	20 to 20,000Hz
Recording Time in 128MB MagicGate Memory Stick (ATRAC3)	Approx. 120 minutes at 132kbps Approx. 160 minutes at 105kbps Approx. 240 minutes at 66kbps
Recording Time in 128MB Memory Stick (MP3)	Approx. 65 minutes at 256kbps Approx. 130 minutes at 128kbps Approx. 170 minutes at 96kbps
Decoding Format	MP3 (32k~320kbps), ATRAC3
Sampling Frequency	44.1kHz (ATRAC3, MP3)
Output Connector	Headphone Stereo Minijack
Playback Time*1	Approx. 24.5 hours*2 / 7 hours*3

*1 The battery life varies depending on the temperature and usage.
*2 Continuous operation with display set OFF (hold mode).
*3 Continuous operation with display and Back Light set ON (brightness setting: maximum).

■ Voice Function

Category		Specifications
Voice Encoding/Decoding Format		IMA ADPCM (1ch, 4 bit)
Voice Recording Sampling Frequency	SP mode	22kHz
	LP mode	8kHz
Recording Time in 128MB Memory Stick	SP mode	Approx. 190 min.
	LP mode	Approx. 520 min.
Battery Life for Recording*1 (continuous recording to Memory Stick)		Approx. 19.5 hours*2 / 6 hours*3

*1 The battery life varies depending on the temperature and usage.
*2 Continuous recording with Hold set ON and display set OFF.
*3 Continuous recording with Hold set OFF.

■ Visual Function

Category		Specifications
Camera		Approx. 310,000 pixels effective
Image Sensor		1/4 inch CMOS image sensor
Lens		F2.8 focal length f=3.6 (35mm Film f=approx. 35mm)
Focus Range		0.23m to infinity
Finder (Preview size on the display)	JPEG image	320 × 240, 160 × 240
Zooming		× 2 digital zooming
Brightness Control		−2 ~ +2 (5 steps)
White Balance		Auto/Outdoor/Indoor A (incandescent)/Indoor B (Fluorescent)
Picture Effect		Off/Sepia/Black&White
Others		Self-timer function
Picture Size (Recording)	JPEG image	640 × 480, 320 × 480 (vertical), 320 × 240, 160 × 120
Picture Format (Recording)	JPEG image	JPEG (DCF format)
Picture Size (Playback)	JPEG image	320 × 480, 320 × 240, 160 × 120 (vertical) dots
	Movie	426 × 320, 320 × 240, 160 × 112 dots
Picture Format (Playback)	JPEG image	JPEG (DCF format)
	Movie	QuickTime file format*1, MPEG-1 (MPEG Movie)
Battery Life for Continuous Movie Playback*2		Approx. 7.5 hours*3 / 4 hours*4
Number of Recordable JPEG Images*5	640 × 480	Approx. 1,000 images
(with 128MB Memory Stick)	320 × 480	Approx. 1,500 images
	320 × 240	Approx. 2,000 images
	160 × 120	Approx. 6,000 images

*1 Playback is only possible with files created for Mobile Movie products.
*2 The battery life varies depending on the temperature and usage.
*3 Continuous operation with display set OFF (Hold mode).
*4 Continuous operation with display and Back Light set ON. (Brightness setting: Maximum)
*5 JPEG image: recordable images vary depending on mode.

■ Wireless Function

Category	Specifications	
Wireless LAN	Applied standard	IEEE 802.11b
	Frequency band	2.4GHz band (1 - 11ch, ISM band)
	WEP (data encryption)	64, 128 bit*1
	Modulation method	DS-SS (in conformity to IEEE 802.11b)
	Battery life*2	Approx. 5.5 hours*3 / 17 hours*4

*1 The maximum key length available for entry is 40 bits (5 alphanumeric characters) for the 64-bit length and 104 bits (13 alphanumeric characters) for the 128-bit length.
*2 The battery life varies depending on the temperature and usage.
*3 Continuous operation with display and Back Light set ON (brightness setting: maximum).
*4 Continuous operation with display and Back Light set ON (brightness setting: minimum).