

RICOH

Bluetooth® and wireless LAN supporting Digital Camera

G700SE



Both GP-1 and BR-1 are also optional.

12M Pixels CCD

5X Wide Zoom

Macro to 1cm

Water/dust
resistant

Internal Bluetooth® and wireless LAN functions

- Internal Bluetooth® Ver.2.1+EDR function
- Internal wireless LAN (802.11b/g) function
- Supports the "WPS button connection"



GPS unit with electronic compass function (option)

- It can use the GP-1 (option) GPS unit
- Connection of the GP-1 makes it possible to add position information to the image data of photographs taken. In addition, it is possible to record information indicating the direction.
- There is also a GPS log function that tracks camera movement.



GP-1

Laser barcode reader unit (option)

- It can use the BR-1 (option) barcode reader unit.
- Recognition speed is fast and the unit can be easily used even in dark places.



BR-1

Compact and lightweight body

- 118.8(W) × 71.0(H) × 41.0(D)mm, approximately 286g

G700SE Major Specifications

Items		Specification
No. of effective pixels (camera)		Approx. 12.10 million effective pixels
Image Sensor		1/2.3" CCD (Approx. 12.40 total million pixels)
Lens	Focal Length	5.0 mm to 25 mm (equivalent to 28 mm to 140 mm on a 35-mm camera)
	F-aperture	F3.5 (Wide-angle) to F5.5 (Telephoto)
	Shooting Distance	Normal shooting: Approx. 30 cm to ∞ (Wide-angle) or 50 cm to ∞ (Telephoto) (from the front of the lens) Macro shooting: Approx. 1 cm to ∞ (Wide-angle *1), 15 cm to ∞ (Telephoto) or 1 cm to ∞ (Telephoto) (from the front of the lens)
Zoom Magnification		Optical zoom at 5.0X, Digital zoom at 4.0X
Blur Reduction		Digital image stabilizer
ISO Sensitivity (Standard Output Sensitivity)		Auto/ISO 64/ISO 100/ISO 200/ISO 400/ISO 800/ISO 1600/ISO 3200
Flash	Flash Mode	Auto flash (fires automatically in low-light conditions and when the subject is backlit)/Anti Red-eye/Flash On/FLASH On (10M)/Slow Synchro/Flash Off
	Built-in flash Range	Approx. 20 cm to 10.0 m (Wide-angle), approx. 40 cm to 6.2 m (Telephoto) (Flash ON (10M), from the front of the lens)
Picture Display		3.0" Transmissive amorphous silicon TFT LCD, approx. 920,000 dots
Shooting Mode *2		F (Fine), N (Normal)
Number of Recorded	Still Image	[4 : 3] 4000 x 3000, 2592 x 1944, 2048 x 1536, 1600 x 1200, 1280 x 960, 640 x 480 [3 : 2] 3984 x 2656
	Movie	1280 x 720, 640 x 480, 320 x 240
	Text	4000 x 3000, 2048 x 1536
	Recording Media	SD memory card (3.3V 256MB, 512MB, 1GB, 2GB), SDHC memory card (up to 32 GB), SD WORM card *3 (128MB, 1GB), Internal Memory (approx. 103 MB)
Bar Codes Supported (when read with camera)	Linear	EAN-13/8 (JAN-13/8), UPC-A/E, UPC/EAN (with add-ons), Interleaved 2 of 5, CODEBAR (NW-7), CODE 39, CODE 93, CODE 128 TYPE C, GS1-128 (EAN-128), and RSS (GS1 DataBar)
	Matrix	QR Code, Micro QR Code, DataMatrix(ECC200), PDF417, Micro PDF417, MaxiCode, EAN · UCC Composite (GS1 DataBar Composite)
Power Supply		Rechargeable Battery (DB-65) x1, AAA Alkaline Battery x 2, AAA Nickel-Hydrogen Battery x 2
Battery Life *4		Based on CIPA standard, DB-65: approx. 360 shots / AAA alkaline: 40 shots *5
Dimensions (W x H x D)		118.8mm(W) x 71.0mm(H) x 41.0mm at thinnest, excluding projections
Weight		Approx. 286 g (excluding battery, SD memory card, and strap)
Water Resistance/Dust Resistance/Chemical		JIS/IEC waterproof grade 8, shooting to a water depth of approx. 5 m JIS/IEC dustproof grade 6 External cleaning possible with ethanol and sodium hypochlorite for disinfection
Operating Temperature		-10 ° C to 40 ° C

*1 : The macro shooting wide-angle setting is f=5.9mm at a 33 mm focal length (35 mm equivalent).

*2 : The picture quality mode that can be set varies depending on the image size.

*3 : SD WORM cards can be purchased from SanDisk Corporation agents that supply corporate customers.

*4 : The number of remaining shots is based on the CIPA standard and may vary depending on usage conditions. This is for reference only.

*5 : When using the AAA Alkaline batteries manufactured by Panasonic.

Bluetooth[®] Communication Part

Items	Specification
Communication Method	Bluetooth [®] standard Ver. 2.1+EDR
Output	Bluetooth [®] standard Power Class 2
Communication Range *6	Approximately 10 m (line of sight)
Supported Bluetooth [®] Profile *7	BIP, OPP, SPP
Frequency Band	2.4 GHz band (2.400 GHz – 2.4835 GHz)

*6 : The communication range may vary depending on obstructions between the two devices, signal strength, software or operating system in use, and other factors.

*7 : These are specifications according to the intended use of the Bluetooth[®]-enabled devices and are predetermined by Bluetooth[®] standards.

Wireless LAN Communication Part

Items	Specification
Compliance Standard	IEEE802.11b/g
Transmission Method	IEEE802.11g: OFDM IEEE802.11b: DSSS, DQPSK, DBPSK
Data Transfer Speed *8	IEEE802.11g: 54M/48M/36M/24M/18M/12M/9M/6M(bps) IEEE802.11b: 11M/5.5M/2M/1M(bps)
Communication Range *9	Approximately 30 m (This varies depending on the location of the devices, usage environment, and usage conditions)
Security Protocol	WEP(64/128bit), WPA-PSK(TKIP/AES), WPA2-PSK(TKIP/AES)
Frequency Band	2.4 GHz band (2.412 – 2.462 GHz)

*8 : The data transfer speeds are the maximum theoretical values based on the wireless LAN standard and may differ from the actual data transfer speed.

*9 : The communication range may vary depending on obstructions between the two devices, signal strength, location of the devices, usage environment, software or operating system in use, and other factors.